

Dynamics Explorer 1, Retarding Ion Mass Spectrometer Summary Spectrograms—82/230 to 82/265 Spin-Time Spectrograms for H^+ , He^+ , O^+ , N^+ , O^{++} , $M/Z = 2$, and Molecular Ions

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NASA TECHNICAL MEMORANDUM

DYNAMICS EXPLORER 1, RETARDING ION MASS SPECTROMETER SUMMARY SPECTROGRAMS

82/230 TO 82/365 SPIN-TIME SPECTROGRAMS
FOR H^+ , He^+ , O^+ , N^+ , O^{++} , $M/Z=2$, AND MOLECULAR IONS

I. INTRODUCTION TO THE DE MISSION AND THE RIMS INSTRUMENT

The introductory material is taken, in part, from the following sources:

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A. DESCRIPTION OF SPACECRAFT

On August 3, 1981, a Delta rocket launched from Vandenberg Air Force Base successfully placed the two Dynamics Explorer (DE) spacecraft into coplanar polar orbits. The purpose of the mission was to acquire data relevant to processes coupling the magnetosphere, ionosphere, and upper atmosphere. The two spacecraft were manufactured by the Government System Division of RCA, and the instruments were provided by various principal investigators. A complete description of the mission, spacecraft, instruments, and ground data systems appears in an issue of *Space Science Instruments* (Volume 5, pp. 345-573, 1981), edited by R. A. Hoffman. The high-altitude satellite, DE 1, carried an auroral imager and detectors designed primarily for field and particle measurements. The low-altitude satellite carried more aeronomical-type instruments. The orbits of the two satellites remained very nearly coplanar during their joint lifetimes, providing the unique opportunity to acquire data at two altitudes along common magnetic flux tubes. DE 2, operating at ionospheric altitudes, re-entered the atmosphere in February 1983. DE 1 ceased data collection operations in March 1991.

Both spacecraft were power limited and considerable effort was expended in selecting portions of orbits for maximum science return. DE 1 had a duty cycle of nearly 90% during the early portion of the mission, but in general varied between 16-55%. DE 2 had a duty cycle between 16 and 36%. Times of magnetic conjunction between the spacecraft, or between one spacecraft and a collaborating ground observatory, were

given high priority. Also, data acquisition during passages through geophysical regions like the dayside cusp and plasmopause WAS emphasized.

B. ORBIT INFORMATION

The DE 1 satellite, carrying the RIMS experiment, was launched into an elliptical polar orbit on August 3, 1981. The ~7.5 hour orbit has perigee of 675 km altitude and apogee of 24,875 km altitude. The orbit plane drifts westward at a rate of ~1 hour MLT every 15.4 days (24 hours in 12 months); the orbit line of apsides drifts about 0.328° geographic latitude each day (moving from one pole to the other in 18 months). Thus, the orbit which started in the dawn-dusk plane with apogee over the north pole precessed to noon-midnight, with apogee over the midnight equator by the spring of 1982. The apogee continued to sweep around in latitude, bringing its position over the south pole during the summer of 1983, the noon sector equator during the spring of 1984, and returned to approximately its original position during the winter of 1984.

Note that while the DE 1 orbit provides coverage for most all local times and latitudes out to the apogee at 4.65 R_E , the 3 to 1 ratio between the drift of the line of apsides and the westward drift of the orbital plane results in uneven coverage in local time for a given altitude. In particular, in the 12-18 hour magnetic local time sector, the higher altitudes in the auroral latitude region were not fully sampled.

The spacecraft spins in a reverse cartwheel mode, at 10 rpm with its spin axis perpendicular to the orbit plane. The spacecraft orbital-plane is roughly coincident with the magnetic field meridian plane so that the radial head (mounted perpendicular to the spin axis) responds to ion fluxes for nearly the full range of magnetic pitch angles (-180° to +180°).

C. DESCRIPTION OF THE INSTRUMENT

The Retarding Ion Mass Spectrometer (RIMS) experiment onboard the DE 1 satellite was designed to perform energy and mass-per-charge analysis on low-energy ions (<50 eV) with mass/charge ranging from 1 to 40 amu/Z. The instrument is fully described by Chappell et al. (The Retarding Ion Mass Spectrometer on Dynamics Explorer-A, *Space Sci. Instrum.*, 4, 477, 1981). RIMS has significantly improved capabilities over previous retarding potential analyzer instruments (RPA) by providing ion mass/charge separation so that RPA and spin curves are obtained separately for each programmed species. These enhanced instrument

capabilities, combined with the DE 1 orbit, produced a unique opportunity to investigate the variable dynamics and composition of the low-energy ion population in the near-Earth space environment.

DE 1 RIMS consists of four instrument assemblies interconnected to form one experiment. Three of the assemblies are sensor heads and one is the central electronics assembly. The three heads are labeled according to the mounting axis on the DE 1 spacecraft: Radial, +Z, and -Z. The radial sensor views perpendicular to the spacecraft spin axis, while the $\pm Z$ sensors on the ends of the spacecraft view parallel and anti-parallel to the spin axis. The central electronics assembly (CEA) provides the spacecraft interface, all data processing, command decoding, and complete timing control of the entire RIMS experiment.

Each sensor head consists of an RPA followed by a magnetic mass analyzer with two separate exit slits corresponding to two mass/charge ranges in the ratio 1:4. The total mass/charge range covered is 1 to 40 amu/Z. Surrounding and attached to the entrance of the sensor head is a 20-cm circular aperture plate. The plate is connected to a relay which can, on command, connect to either spacecraft chassis ground or to the aperture potential power supply output. The aperture potential power supply can be set by spacecraft minor mode A command to 0, -2, -4, or -8 V to partially compensate for a non-zero positive spacecraft potential.

The retarding grid of the RPA is connected to the retarding potential power supply through a shielded conductor. The retarding potential may be set to any one of 1024 linearly spaced steps from 0 to +51.125 V with a resolution of 0.05 V. The RPA collector plate is connected through a co-axial cable to a 5-decade logarithmic amplifier. The reference voltage for the front end of the log amp is the output of the aperture potential power supply. The output of the log amp is converted, by command from the CEA, to a 10-bit digital word using an analog/digital (A/D) converter. The digital word is held in a holding register until the CEA is ready to read and process the data.

Those ions passing into the Ion Mass Spectrometer (IMS) are sorted according to their mass to charge ratio. The proper combination of ion accelerating voltage, applied magnetic field strength, and ion beam gyro radius in the applied magnetic field determines the mass/charge of the ion focused on each collector slit. Varying the ion accelerating voltage varies the ion mass/charge detected. Ions of mass/charge 1 to 8 amu/Z and 4 to 32 amu/Z can be focused on the low and high mass slits, respectively. Ions exiting the collector slits are counted by channel electron multiplier (CEM) detectors. The ion mass/charge range is also programmable by a minor mode command. Any 32 of 4096 voltage steps may be selected. All 32 steps may be the same, in which case the mass/charge analyzer will be locked onto a given pair of mass/charge peaks having the ratio 1:4. The two-channel IMS uses CEMs as detectors. The two CEMs in each sensor head are powered by a single multiplier high-voltage power supply which can be set, by spacecraft minor mode A command, to any one of four voltages, -1200, -2100,

-2400, and -2800 V. The IMS accelerating voltage comes from a swept high voltage power supply that can be addressed to any one of 4096 linearly spaced steps between 0 and -2250 V.

The output of each detector is connected to a charge sensitive pulse amplifier whose output is sent to a level detector. The discrimination level is set by spacecraft minor mode A command. Pulses from the discriminator are coupled to an 18-stage binary counter. Four bits of the counter are located in each head, and the other 14 bits of each accumulator are located in the CEA. The CEA contains the circuitry for compressing each accumulator output into a 10-bit base 2-floating point number (6-bit mantissa and 4-bit exponent) for output into the telemetry buffer.

The DE spacecraft utilizes a pulse code modulation data system with 128, 8-bit words at a main frame rate of 16 frames per second. Note that the RIMS instrument is assigned 26 of these 8-bit telemetry words. One 8-bit word is reserved for status information, five groups of 5 8-bit telemetry words each are used for measurements – where each group is considered a telemetry channel by the processor. With this convention, each telemetry channel can contain 4 each 10-bit instrument words. Each data sample represents a period of 1/4 minor frame (1/64th of a second, or 15.625 msec.) Each RIMS sensor head has three data outputs, the RPA and high and low mass IMS channels, and therefore outputs 9 measurements each 1/4 frame for a total of 36, 10-bit instrument words per telemetry minor frame. Since the 40-bit telemetry channel can contain only 4, 10-bit instrument words, only 20 of the 36 instrument words may be loaded into the telemetry channels each telemetry frame (4 instrument words x 5 telemetry channels). The telemetry channel assignments, number of words assigned to each, and their content are as follows:

- | | | |
|---|---|--|
| A | 1 | Housekeeping and status |
| B | 5 | Radial IMS low-mass channel accumulation |
| C | 5 | Radial IMS high-mass channel accumulation |
| D | 5 | Alternates each 1/4 frame between +Z IMS low & high-mass accumulation |
| E | 5 | Alternates each 1/4 frame between -Z IMS low & high-mass accumulation |
| F | 5 | Alternates each 1/4 frame between radial, +Z, and -Z RPA (electrometer) accumulation |

The instrument cycle is 32 data samples from each data source. The RIMS completes one instrument cycle each 0.5 sec. Each data sample represents a period of 15.625 msec. This interval consists of a measurement interval and a data processing interval. During the measurement interval, the IMS accumulators are active for a period of 12 msec. The 3.625 msec data processing interval is used to process the data accumulated during the measurement interval and to establish the mass/charge voltage and retarding voltage for the next integration period.

The RIMS instrument continued to return usable data until the end of the DE mission in March 1991. The radial head RPA failed on 81/329 19:50:18. It worked again between 82/045 23:30 and 82-046 06:15 before failing again. Sometime before 82/046 the -Z head

aperture bias mechanism failed. At launch the -Z head was found to be biased -2 V with respect to the other two heads. The anomaly disappeared on day 73 or 74 of 1982. The Z heads show spin variation primarily at low altitudes in cold, dense plasmas at high spacecraft velocities. For a more detailed and complete account of RIMS performance characteristics, see Olsen et al., DE-1 RIMS Operational Characteristics, NASA TM-86527, 1985.

The RIMS instrument data was provided by GSFC to ES53/MSFC on 1600 BPI magnetic tapes. The RIMS data was extracted and combined with orbit/attitude and magnetic field data to produce mission analysis files (MAF) and summary spectrograms. There is usually one MAF file per pass (RIMS instrument on/off time). Each MAF file data record consists of 8 seconds of RIMS data (512 samples per channel, each sample 1/64 sec measurement), in time order. One MAF record is 5624 bytes in size. The first 100 locations (16-bit words) of this record contain timing, orbit/attitude, B-field, and instrument mode information. Since the instrument mode takes some logic to decode, subroutines are available that perform the decoding of the instrument flags, determination of RPA/IMS settings for any sample through the 512, and decommutation of the D and E channels (Z-head data).

Data quality is, in general, excellent. Data are not always recorded at altitudes down to the DE 1 perigee of 675 km. At the lower altitudes, the plasma density can be quite high and the RIMS instrument is generally shut off to protect the particle detecting CEMs from excessive counting rates. However, on occasion, saturation of the detecting CEMs may be seen in the radial head data during low altitude-high density passes.

Detection of very low-energy ions is made difficult by the presence of floating spacecraft potentials. Analysis of RIMS data by Olsen [1989] established a density-potential relationship, such that the satellite accumulates positive charge on entering density regions below 1000 cm^{-3} , rising slowly to about +1 V at 100 cm^{-3} , and about +5 V at 10 cm^{-3} . By preventing measurement of the coldest plasma components, this potential can mask out an isotropic background plasma or, when the potential is sufficiently high, can give the appearance that no cold plasma exists in a region. This effect is known to be a concern in the plasmopause and trough region, where densities are of the order 7 to 70 cm^{-3} and the spacecraft may reach potentials of +2 to +5 V [Olsen, 1989]. At altitudes above the ionosphere in the polar regions, densities again can be sufficiently low that observation of ions of classical polar wind speed is possible only during negative aperture bias instrument modes [Nagai et al., 1984].

The DE 1/RIMS team has attempted to compensate for the spacecraft charging by the addition of a voltage bias plate at the entrance aperture of the instrument. The diameter of the external aperture plane is 20 cm, which may be compared to the spacecraft dimension of one meter in height and 1/4 meter in diameter. The instrument retarding voltages are referenced to this aperture plane, so that to the RIMS detector the effect of the bias is similar to a change in spacecraft potential,

though sheath effects can complicate the interpretation of the resulting data.

D. REFERENCES TO AID IN THE USE AND UNDERSTANDING OF THE RIMS DATA SET

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II. DESCRIPTION OF THE RIMS SUMMARY SPECTROGRAMS

The summary spectrograms included in this volume consist of seven spin-angle versus time panels; one panel for each of the seven mass/charge settings, H^+ , He^+ , O^+ , N^+ , $M/Z=2$, O^{++} , and molecular ions. Noted at the top of each spectrogram is the date and time interval covered by the spectrogram, the instrument head, and indications of the RPA and aperture bias sort used. In this set, data were included regardless of RPA or aperture bias setting. Orbit parameters – geocentric altitude, McIlwain L-shell, magnetic local time, magnetic latitude, and invariant latitude – are given at 40-min intervals at the bottom of the page.

The panels are labeled with mass designations (i.e., L/H^+ for low mass channel, ionized hydrogen). Please note, however, that the data plotted represent the response of that RIMS channel to a specific range of mass/charge settings.

The satellite ram direction is defined to be along the center of each panel, meaning the point at which the radial detector was viewing into the direction of motion of the spacecraft. The maximum (180°) and minimum (0°) magnetic pitch angles are indicated by the black dashed and dotted lines (nearly horizontal, for the most part), respectively, corresponding to closest aperture approach to the parallel and anti-parallel directions of the Earth's magnetic field.

The data arrays used to construct each panel consist of 120 time divisions and 32 spin angle divisions. Since each spectrogram covers an 8-hour period, including a

single 7.5-hour spacecraft orbital period, each angle/time bin represents a data average over 11.25° in spin angle and 4 minutes of accumulation time. That is, the counts-per-accumulation periods (12 milliseconds), for all RPA and aperture bias settings, are averaged over the 4-min time resolution period for each 11.25° spin angle bin.

The counts-per-sample for a given spin angle-time bin is coded by vertical lines; one solid vertical line representing low counts (0 to 1 count/sample) and many closely-spaced vertical lines (approaching solid black) representing higher count rates (>5000 counts/sample). A dotted vertical line represents an angle/time bin for which sampling occurred, but no counts were registered. No vertical lines at all indicates that sampling for that ion was not performed. The squares arranged vertically to the left of the spin angle-time panels show this scale.

The counts-per-sample is proportional to the integral directional ion flux for the energy range 0 to 50 eV with approximate conversion ratios of counts to integral flux of 3.1×10^4 (particles/cm²-s-ster)/(counts/sample) for H^+ , 1.9×10^4 (particles/cm²-s-ster)/(counts/sample) for He^+ , and 4.4×10^4 (particles/cm²-s-ster)/(counts/sample) for O^+ . These factors, which reflect the mass-dependent angular response, are based on pre-flight and in-flight calibration; the ratios are time-dependent due to on-orbit CEM degradation and are offered here only as a general approximation.

III. DE 1/RIMS 1982 DATA CATALOG

Each line in the listing that follows represents one RIMS operation cycle and lists operation cycle number, instrument on/off time (UT), and quality information. An explanation of each field follows.

Operation Cycle Number: Begins with first science mode cycle. An operation cycle begins with an instrument "on" command and ends with an instrument "off" command. More than one operation cycle may be executed during a single spacecraft orbit.

Date: The year and day of year is represented as (YEAR-1900) * 1000 + DAYNUMBER.

Time Interval: The start/stop time (UT) of the operation cycle (HHMM).

Archive Flag: Used by RIMS team to flag which data have been archived to optical disk. The numerical entry is the disk number on which the data reside. "nd" or "no" = no data or too little data to archive. Used also when the electrometer was operated with the channeltrons off. In this latter case, the "nd" entry is followed by a notation of "Electrometer only." "oo" means data were not received from GSFC.

Quality Information: Text to summarize data anomalies, data gaps, and data processing problems.

"Sunpulse" means that a response of the radial head detector to solar UV can be seen in spectrograms of the data.

DNA: followed by a universal time (UT), means that data were not available for the time listed. This entry

usually indicates data were collected on the spacecraft but did not survive to the telemetry end product.

LMCD: Low mass channel degraded. Recognizable as H^+ counts that are lower than the He^+ counts in the high

mass channel. Usually occurs when the spacecraft is in the plasmasphere.

BMD: Bad memory dump. When this is noted, the telemetry was in error or bits were incorrect in the RIMS memory. In either case, no data are obtained.

BEGIN LISTING

1214 82230 0907-1446 01B
1215 82230 1746-2153 01B
1216 82231 0101-0505 01B
1217 82231 0649-1030 01B Random high counts
1218 82231 1230-1333 01B
1219 82231 1533-2015 01B LMCD
1220 82232 0015-0615 01B LMCD
1221 82232 0902-1553 01B LMCD
1222 82232 1630-1723 01B LMCD
1223 82232 1922-2147 01B LMCD
1224 82233 0047-0449 01B LMCD
1225 82233 0450-0510 01B LMCD, Pulsations He^+ ?
1226 82233 0738-1014 01B
1227 82233 1214-1335 01B LMCD
1228 82233 1535-2226 01B
1229 82234 0010-0610 01B LMCD
1230 82234 0857-1548 01B LMCD
1231 82234 1625-1718 01B LMCD
1232 82234 1917-2142 01B LMCD
1233 82234 2338-0120 01B LMCD
1234 82235 0350-0545 01B LMCD
1235 82235 0730-1220 01B LMCD
1236 82235 1529-2015 01B LMCD
1237 82236 0005-0656 01B LMCD
1238 82236 0908-0935 01B LMCD
1239 82236 1135-1645 01B
1240 82236 1853-2132 01B LMCD
1241 82236 2333-0115 01B LMCD
1242 82237 0345-0540 01B LMCD
1243 82237 0725-1215 01B LMCD
1244 82237 1524-2010 01B LMCD, DNA:1659-1723
1245 82238 0000-0651 01B LMCD
1246 82238 0903-0930 01B LMCD
1247 82238 1130-1640 01B LMCD
1248 82238 1848-2330 01B LMCD
1249 82239 0230-0530 01B LMCD
1250 82239 0752-1330 01B LMCD
1251 82239 1521-2015 01B LMCD
1252 82239 2315-0606 01B LMCD
1253 82240 0934-1625 oo
1254 82240 1852-2235 01B LMCD
1255 82241 0225-0525 01B LMCD
1256 82241 0747-1325 01B LMCD
1257 82241 1516-2010 01B LMCD, DNA:1516-1618
1258 82241 2310-0601 01B LMCD
1259 82242 0929-1620 01B LMCD
1260 82242 1847-2230 01B LMCD
1261 82243 0130-0510 01B LMCD
1262 82243 0710-1150 01B LMCD
1263 82243 1450-1808 01B
1264 82243 1853-1920 01B LMCD
1265 82243 2030-2318 01B
1266 82244 0200-0638 01B
1267 82244 0800-0830 01B
1268 82244 1130-1821 01B
1269 82244 2121-0206 01B LMCD
1270 82245 0352-0450 01B LMCD
1271 82245 0620-1000 01B
1272 82245 1202-1300 01B LMCD
1273 82245 1600-2251 01B LMCD, DNA:2018-2142
1274 82246 0239-0634 01B
1275 82246 0715-0815 01B LMCD
1276 82246 1100-1751 01B LMCD, DNA:1100-1230;1550-1751
1277 82246 1929-2226 01B LMCD
1278 82247 0130-0610 01B LMCD
1279 82247 0810-1035 01B LMCD
1280 82247 1200-1400 no Not archived, data quality bad
1281 82247 1530-2221 01B, DNA:2058-2221
1282 82248 0234-0629 01B
1283 82248 0710-0810 01B LMCD
1284 82248 1055-1746 oo
1285 82248 1924-2221 01B LMCD
1286 82249 0125-0605 01B
1287 82249 0805-1030 01B Disturbed period 0847-0929
1288 82249 1155-1355 01B
1289 82249 1525-2216 01B
1290 82250 0005-0130 01B
1291 82250 0230-0628 01B
1292 82250 0715-0735 01B
1293 82250 0820-0911 oo
1294 82250 1136-1827 01B, DNA:1136-1229;1336-1417.

1295 82250 2027-2216 01B
1296 82251 0016-0511 01B Recorder off 0419-0511
1297 82251 0618-0947 nd, DNA:0618-0947
1298 82251 1138-1232 nd, DNA:1138-1232
1299 82251 1453-2144 nd, DNA:1453-2144
1300 82252 0000-0125 nd, DNA:0000-0125 Recorder off
1301 82252 0225-0623 nd, DNA:0225-0623
1302 82252 0710-0730 nd, DNA:0710-0730
1303 82252 0815-0906 nd, DNA:0815-0906
1304 82252 1131-1822 nd, DNA:1131-1822
1305 82252 2022-2211 nd, DNA:2022-2211
1306 82253 0011-0506 nd, DNA:0011-0506
1307 82253 0613-0942 nd, DNA:0613-0942
1308 82253 1133-1227 nd, DNA:1133-1227
1309 82253 1448-2139 nd, DNA:1448-2139
1310 82254 0011-0114 01B Molecular ions only
1311 82254 0224-0832 nd, DNA:0224-0832
1312 82254 1132-1823 nd, DNA:1132-1823
1313 82254 2023-2246 nd, DNA:2023-2246
1314 82255 0016-0441 01B, DNA:0016-0100
1315 82255 0611-1017 01B, DNA:0611-0637;0847-1017
1316 82255 1141-1206 nd, DNA:1141-1206
1317 82255 1436-2127 nd, DNA:1436-2127
1318 82256 0006-0109 nd, DNA:0006-0109
1319 82256 0219-0827 nd, DNA:0219-0827
1320 82256 1127-1818 nd, DNA:1127-1818
1321 82256 2018-2241 nd, DNA:2018-2241
1322 82257 0041-0347 01B
1323 82257 0538-1143 nd, DNA:0538-1143
1324 82257 1453-2144 nd, DNA:1453-2144
1325 82258 0030-0130 nd, DNA:0030-0130
1326 82258 0214-0755 nd, DNA:0214-0755
1327 82258 1055-1746 nd, DNA:1055-1746
1328 82258 1946-2247 nd, DNA:1946-2247
1329 82259 0130-0418 nd, DNA:0130-0418
1330 82259 0559-1247 nd, DNA:0559-1247
1331 82259 1527-2218 01B, DNA:1536-1603;2018-2115
1332 82260 0035-0055 nd, DNA:0035-0055
1333 82260 0155-0645 nd, DNA:0155-0645
1334 82260 0900-1551 nd, DNA:0900-1551
1335 82260 1651-2130 nd, DNA:1651-2130
1336 82260 2332-0426 nd, DNA:2332-0426
1337 82261 0626-0950 nd, DNA:0626-0950
1338 82261 1015-1211 nd, DNA:1015-1211
1339 82261 1446-2137 nd, DNA:1446-2137
1340 82262 0030-0050 nd, DNA:0030-0050
1341 82262 0150-0640 nd, DNA:0150-0640
1342 82262 0855-1546 nd, DNA:0855-1546
1343 82262 1646-2125 01B, DNA:2005-2125
1344 82262 2327-0421 01B
1345 82263 0621-0945 nd, DNA:0621-0945
1346 82263 1045-1206 nd, DNA:1045-1206
1347 82263 1441-2132 nd, DNA:1441-2132
1348 82263 2348-0635 nd, DNA:2348-0635
1349 82264 0735-0845 01B
1350 82264 1045-1736 01B
1351 82264 1920-2120 nd, DNA:1920-2120
1352 82264 2329-0417 nd, DNA:2329-0417
1353 82265 0617-1230 01B, DNA:0718-0721
1354 82265 1400-2051 01B, DNA:1400-1725
1355 82265 2343-0630 nd, DNA:2343-0630
1356 82266 0730-0840 01B
1357 82266 1040-1731 nd, DNA:1040-1731
1358 82266 1915-2115 nd, DNA:1915-2115
1359 82266 2245-0133 nd, DNA:2245-0133
1360 82267 0135-0354 01B, DNA:0135-0211; 0344-0354
1361 82267 0355-0411 nd, DNA:0355-0411
1362 82267 0611-0931 nd, DNA:0611-0931
1363 82267 1111-1320 nd, DNA:1111-1320
1364 82267 1444-2135 nd, DNA:1444-2135
1365 82267 2335-0035 nd, DNA:2335-0035
1366 82268 0148-0640 nd, DNA:0148-0640
1367 82268 0740-1016 nd, DNA:0740-1016
1368 82268 1216-1907 01B
1369 82268 2238-0300 nd, DNA:2238-0300
1370 82269 0400-0940 01B, Bad B field 0400-about 0530
1371 82269 1130-1821 01B
1372 82269 1940-2140 01B
1373 82269 2340-0529 01B, DNA:0224-0229;0425-0529
1374 82270 0655-0730 01B
1375 82270 0851-1542 01B
1375a 82270 1742-2008 01B, DNA:1835-1838
1376 82270 2208-0404 01B

1377	82271	0534-0925	01B	
1378	82271	1050-1205	01B	
1379	82271	1405-2056	oo	
1380	82271	2335-0524	01B	
1381	82272	0650-0725	01B	
1382	82272	0846-1537	oo	
1383	82272	1737-2003	01B	DNA:1803-2003
1384	82272	2203-0359	01B	
1385	82273	0529-0920	01B	
1386	82273	1045-1200	01B	
1387	82273	1400-2051	01B	
1388	82273	2326-0013	01B	
1389	82274	0117-0630	oo	
1390	82274	0735-0753	01B	
1391	82274	1026-1717	01B	DNA:1352-1717
1392	82274	1917-2135	oo	
1393	82274	2314-0450	01B	
1394	82275	0650-1220	01B	
1395	82275	1420-2111	01B	DNA:1420-1545
1396	82275	2321-0008	01B	
1397	82276	0112-0625	01B	
1398	82276	0730-0748	01B	
1399	82276	1021-1712	01B	
1400	82276	1912-2130	01B	
1401	82276	2309-0445	01B	
1402	82277	0645-1215	01B	
1403	82277	1415-2106	oo	
1404	82277	2311-0028	01B	
1405	82278	0125-0503	01B	
1406	82278	0622-0710	01B	
1407	82278	0910-1601	01B	
1408	82278	1705-1953	01B	
1409	82278	2129-2143	01B	
1410	82278	2308-0344	01B	
1411	82279	0504-0900	01B	No data 0739-0900
1412	82279	1041-1255	01B	
1413	82279	1455-1520	01B	
1414	82279	1535-2226	01B	Molecular ion mode
1415	82280	0002-0022	01B	
1416	82280	0120-0458	01B	
1417	82280	0617-0705	01B	
1418	82280	0905-1556	01B	
1419	82280	1700-1948	nd	DNA 1700-1948
1420	82280	2124-2138	01B	
1421	82280	2338-0413	01B	DNA:2338-2358
1422	82281	0452-0847	01B&02A	
1423	82281	1017-1200	01B&02A	
1424	82281	1330-2021	01B&02A	
1425	82281	2240-0443	01B&02A	No data 0417-0443
1426	82282	0645-0820	01B&02A	
1427	82282	1020-1711	01B&02A	
1428	82282	1811-2011	01B&02A	
1429	82282	2201-2307	01B&02A	
1430	82282	2333-0408	oo	
1431	82283	0447-0842	01B&02A	
1432	82283	1012-1155	01B&02A	
1433	82283	1325-2016	01B&02A	
1434	82283	2235-0438	01B&02A	
1435	82284	0640-0815	oo	LMCD
1437	82284	1806-2006	01B&02A	
1438	82284	2156-2353	01B&02A	
1439	82285	0130-0401	01B&02A	No data 0130-0152
1440	82285	0600-1110	oo	
1441	82285	1309-2000	01B&02A	
1442	82285	2315-0007	01B&02A	
1443	82286	0047-0347	01B&02A	
1444	82286	0547-1238	01B&02A	
1445	82286	1340-1440	01B&02A	perigee
1446	82286	1640-2331	01B&02A	CMMSL01
1447	82287	0125-0356	01B&02A	
1448	82287	0555-1105	01B&02A	
1449	82287	1304-1955	nd	DNA:1304-1955
1450	82287	2144-0013	01B&02A	
1451	82288	0113-0401	01B&02A	
1452	82288	0406-0600	01B&02A	
1453	82288	0601-0748	01B&02A	
1454	82288	1000-1708	01B&02A	
1455	82288	1908-0135	01B&02A	
1456	82289	0333-0540	01B&02A	
1457	82289	0710-1140	01B&02A	
1458	82289	1353-1658	01B&02A	
1459	82289	1848-0010	01B&02A	
1460	82290	0108-0743	01B&02A	
1461	82290	0955-1703	01B&02A	
1462	82290	1903-0130	01B&02A	
1463	82291	0328-0535	01B&02A	
1464	82291	0705-1135	01B&02A	
1465	82291	1348-1653	01B&02A	
1466	82291	1843-0005	01B&02A	
1467	82292	0140-0840	01B&02A	
1468	82292	1040-1740	01B&02A	
1469	82292	1940-0145	01B&02A	
1470	82293	0353-0946	02A	
1471	82293	1116-1816	02A	DNA:1438-1446
1472	82293	1916-2327	02A	
1473	82294	0135-0835	02A	LMCD
1474	82294	1035-1735	02A	
1475	82294	1935-0140	02A	
1476	82295	0230-0330	02A	
1477	82295	0440-1017	02A	
1478	82295	1217-1735	02A	
1479	82295	1840-2315	02A	
1480	82296	0020-0340	02A	
1481	82296	0500-1000	02A	Overcurrent: 600-0630
1482	82296	1200-1900	02A	
1483	82296	2044-0130	oo	
1484	82297	0225-0325	02A	
1485	82297	0435-1012	02A	
1486	82297	1212-1730	02A	
1487	82297	1835-2310	02A	
1488	82298	0015-0335	oo	
1489	82298	0455-0955	02A	
1490	82298	1155-1855	02A	DNA:1345-1525
1491	82298	2120-0353	oo	
1492	82299	0600-0930	02A	
1493	82299	1100-1643	02A	DNA:1530-1643
1494	82299	1644-1730	nd	DNA:1644-1730
1495	82299	1830-2330	02A	DNA:1915-2100
1496	82300	0130-0830	02A	
1497	82300	1030-1730	02A	
1498	82300	1945-0032	02A	
1499	82301	0232-0403	02A	
1500	82301	0555-0925	02A	
1501	82301	1055-1642	02A	
1502	82301	1643-1725	02A	LMCD
1503	82301	1825-2325	02A	
1504	82302	0105-0805	02A	
1505	82302	0835-1535	02A	
1506	82302	1605-1853	02A	
1507	82302	1935-0026	02A	Random High Counts
1508	82303	0130-0200	02A	
1509	82303	0303-0432	02A	
1510	82303	0632-0834	02A	
1511	82303	1014-1620	02A	
1512	82303	1820-2130	02A	
1513	82303	2240-0017	02A	
1514	82304	0100-0751	02A	
1515	82304	0830-1530	02A	
1516	82304	1600-1848	02A	
1517	82304	1930-0021	02A	
1518	82305	0130-0200	02A	
1519	82305	0338-0800	02A	
1520	82305	0930-1215	02A	DNA:1136-1215
1521	82305	1334-1638	02A	
1522	82305	1825-0125	02A	LMCD
1523	82306	0300-1000	02A	
1524	82306	1100-1800	02A	DNA:1230-1356
1525	82306	2019-0025	02A	
1526	82307	0125-0155	02A	
1527	82307	0333-0755	02A	
1528	82307	0925-1210	02A	
1529	82307	1329-1633	oo	
1530	82307	1820-0120	oo	
1531	82308	0255-0955	02A	DNA:0546-0558
1532	82308	1055-1755	02A	DNA:1225-1425;1722-1730
1533	82308	2014-0020	02A	
1534	82309	0130-0430	02A	
1535	82309	0530-1230	02A	
1536	82309	1328-1627	02A	
1537	82309	1817-0126	02A	
1538	82310	0326-0620	02A	
1539	82310	0720-1420	02A	
1540	82310	1520-1808	02A	
1541	82310	1920-0029	02A	LMCD
1542	82311	0125-0425	02A	
1543	82311	0525-1225	02A	
1544	82311	1323-1622	02A	LMCD
1545	82311	1812-0121	02A	
1546	82312	0321-0615	02A	
1547	82312	0715-1415	02A	
1548	82312	1515-1803	02A	LMCD
1549	82312	1915-0024	02A	
1550	82313	0130-0830	02A	
1551	82313	0950-1408	02A	
1552	82313	1608-2308	02A	
1553	82314	0108-0808	02A	
1554	82314	0908-1128	02A	LMCD
1555	82314	1228-1711	02A	LMCD
1556	82314	1911-0025	02A	LMCD
1557	82315	0125-0825	oo	
1558	82315	0945-1403	02A	
1559	82315	1603-2303	02A	
1560	82316	0033-0733	02A	DNA:0402-0514
1561	82316	0933-1415	02A	

1562 82316 1600-2037 02A LMCD
 1563 82316 2137-0022 02A
 1564 82317 0122-0508 02A
 1565 82317 0602-1302 02A DNA:0851-1052
 1566 82317 1438-2043 02A
 1567 82317 2100-2300 02A
 1568 82318 0028-0728 02A
 1569 82318 0928-1410 02A LMCD
 1570 82318 1555-2032 02A
 1571 82318 2132-0017 02A DNA:2132-2232
 1572 82319 0117-0503 02A M2040 DNA: 0307-0503
 1573 82319 0557-1257 02A
 1574 82319 1433-2038 02A LMCD
 1575 82319 2055-2255 02A
 1576 82320 0030-0730 oo
 1577 82320 0900-1330 02A
 1578 82320 1500-2200 02A
 1579 82320 2330-0630 02A
 1580 82321 0800-0816 02A LMCD
 1581 82321 0817-1015 02A LMCD
 1582 82321 1145-1433 02A
 1583 82321 1503-1702 02A LMCD
 1584 82321 1802-2147 02A
 1585 82321 2235-2311 02A LMCD
 1586 82322 0025-0725 02A LMCD, Recorder off 0546-0725
 1587 82322 0855-1325 nd DNA:0855-1325
 1588 82322 1455-2155 oo
 1589 82322 2330-0119 oo
 1590 82323 0120-0252 nd Electrometer only
 1591 82323 0253-0630 02A
 1592 82323 0800-0938 nd Electrometer only
 1593 82323 0939-1500 02A
 1594 82323 1632-2049 02A DNA:1726-2049
 1595 82327 1600-1619 nd Electrometer only
 1596 82327 1620-2017 02A DNA:1823-2017
 1597 82341 1445-1546 nd Electrometer only
 1598 82341 1547-1800 02A DNA:1632-1800
 1599 82341 1915-2104 nd DNA:1915-2104
 1600 82341 2105-2240 nd Electrometer only
 1601 82341 2241-0030 nd DNA:2241-0030
 1602 82342 0228-0350 02A
 1603 82342 0351-0526 nd Electrometer only
 1604 82342 0527-0645 oo
 1605 82342 0755-1035 02A
 1606 82342 1036-1214 nd Electrometer only
 1607 82342 1215-1355 02A
 1608 82342 1625-1732 02A
 1609 82342 1733-1911 nd Electrometer only
 1610 82342 1912-1935 02A
 1611 82342 2015-0026 oo
 1612 82343 0027-0202 nd Electrometer only
 1613 82343 0203-0226 02A
 1614 82343 0426-0617 oo
 1615 82343 0717-0844 nd Electrometer only
 1616 82343 0845-1240 02A
 1617 82343 1440-1541 nd Electrometer only
 1618 82343 1542-1755 02A
 1619 82343 1910-2059 02A
 1620 82343 2100-2235 nd Electrometer only
 1621 82343 2236-0025 02A LMCD
 1622 82344 0225-0343 02A
 1623 82344 0344-0519 nd Electrometer only
 1624 82344 0520-0641 02A
 1625 82344 0841-1031 02A
 1626 82344 1032-1207 nd Electrometer only
 1627 82344 1208-1240 02A
 1628 82344 1440-1728 02A
 1629 82344 1729-1907 nd Electrometer only
 1630 82344 1908-2140 02A
 1631 82344 2315-0022 oo
 1632 82345 0023-0157 nd Electrometer only
 1633 82345 0158-0245 02A
 1634 82345 0445-0704 02A
 1635 82345 0705-0840 nd Electrometer only
 1636 82345 0841-1145 02A
 1637 82345 1330-1355 02A
 1638 82345 1356-1417 nd Electrometer only
 1639 82345 1536-2055 02A
 1640 82345 2056-2115 nd Electrometer only
 1641 82345 2315-0059 02A
 1642 82346 0220-0338 02A
 1643 82346 0339-0514 nd Electrometer only
 1644 82346 0515-0636 02A
 1645 82346 0836-1026 02A
 1646 82346 1027-1202 nd Electrometer only
 1647 82346 1203-1235 02A
 1648 82346 1435-1723 02A
 1649 82346 1724-1902 nd Electrometer only
 1650 82346 1903-2135 02A ssn8v01x DNA:1903-1934
 1651 82346 2310-0017 02A
 1652 82347 0018-0152 nd Electrometer only
 1653 82347 0153-0240 02A DNA:0209-0240

1654 82347 0440-0659 02A M2040 DNA:0440-0600
 1655 82347 0700-0835 nd Electrometer only
 1656 82347 0836-1140 02A
 1657 82347 1325-1350 02A
 1658 82347 1351-1412 nd Electrometer only
 1659 82347 1531-2050 oo
 1660 82347 2051-2110 nd Electrometer only
 1661 82347 2310-0054 02A
 1662 82348 0217-0334 02A
 1663 82348 0335-0353 nd Electrometer only
 1664 82348 0523-0700 02A
 1665 82348 0835-1019 02A
 1666 82348 1020-1122 nd Electrometer only
 1667 82348 1415-1716 02A
 1668 82348 1717-1856 nd Electrometer only
 1669 82348 1857-2115 02A
 1670 82348 2315-0010 02A
 1671 82349 0011-0146 nd Electrometer only
 1672 82349 0147-0210 oo
 1673 82349 0310-0558 02A
 1674 82349 0700-0828 nd Electrometer only
 1675 82349 0829-1343 02A DNA:1254-1300
 1676 82349 1344-1400 nd Electrometer only
 1677 82349 1611-2045 02A
 1678 82349 2245-0040 02A
 1679 82350 0212-0329 02A
 1680 82350 0330-0348 nd Electrometer only
 1681 82350 0518-0655 oo
 1682 82350 0830-1014 02A
 1683 82350 1015-1117 nd Electrometer only
 1684 82350 1410-1711 02A
 1685 82350 1712-1851 nd Electrometer only
 1686 82350 1852-2110 02A DNA:1913-1954
 1687 82351 0120-0140 nd Electrometer only
 1688 82351 0141-0554 02A
 1689 82351 0654-0824 nd Electrometer only
 1690 82351 0825-1322 02A
 1691 82351 1522-1855 02A
 1692 82351 2036-2216 nd Electrometer only
 1693 82351 2217-0040 02A
 1694 82352 0210-0322 02A
 1695 82352 0323-0458 nd Electrometer only
 1696 82352 0459-0910 02A
 1697 82352 1010-1701 02A
 1698 82352 1920-2340 02A
 1699 82353 0115-0135 nd Electrometer only
 1700 82353 0136-0549 02A DNA:0417-0456
 1701 82353 0649-0819 nd Electrometer only
 1702 82353 0820-1317 02A
 1703 82353 1517-1850 02A
 1704 82353 2031-2211 nd Electrometer only
 1705 82353 2212-0035 02A
 1706 82354 0205-0319 02A
 1707 82354 0320-0455 nd Electrometer only
 1708 82354 0456-0626 02A
 1709 82354 0826-1004 02A
 1710 82354 1005-1142 nd Electrometer only
 1711 82354 1143-1420 02A data unavailable 1253-1255
 1712 82354 1620-1701 02A
 1713 82354 1702-1840 nd Electrometer only
 1714 82354 1841-2320 oo
 1715 82355 0110-0134 nd Electrometer only
 1716 82355 0135-0347 02A DNA:0332-0347
 1717 82355 0547-0637 02A DNA:0617-0637
 1718 82355 0638-0813 nd Electrometer only
 1719 82355 0814-0930 02A
 1720 82355 1030-1318 02A
 1721 82355 1319-1335 02A
 1722 82355 1528-1925 02A
 1723 82355 2125-2204 nd Electrometer only
 1724 82355 2205-0030 02A
 1725 82356 0200-0314 02A DNA:0239-0314
 1726 82356 0315-0450 nd Electrometer only
 1727 82356 0451-0621 02A DNA:0510-0621
 1728 82356 0821-0959 02A
 1729 82356 1000-1137 nd Electrometer only
 1730 82356 1138-1415 02A
 1731 82356 1615-1656 02A
 1732 82356 1657-1835 nd Electrometer only
 1733 82356 1836-2315 02A
 1734 82357 0105-0129 nd Electrometer only
 1735 82357 0130-0342 02A
 1736 82357 0542-0632 02A M1333 -8v bias w/toggle
 1737 82357 0633-0808 nd Electrometer only
 1738 82357 0809-0925 02A M1333 w/-8v ap bias
 1739 82357 1025-1328 02A
 1740 82357 1523-1920 02A
 1741 82357 2120-2159 nd Electrometer only
 1742 82357 2200-0025 02A
 1743 82358 0200-0307 nd DNA:0200-0307
 1744 82358 0308-0443 nd Electrometer only
 1745 82358 0444-0510 nd DNA:0444-0510


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1746 82358 0710-0952 02A
1747 82358 0953-1131 nd Electrometer only
1748 82358 1132-1410 02A
1749 82358 1610-1652 02A
1750 82358 1653-1831 nd Electrometer only
1751 82358 1832-2100 02A
1752 82358 2300-2343 02A
1753 82358 2344-0119 nd Electrometer only
1754 82359 0120-0338 02A
1755 82359 0538-0625 02A
1756 82359 0626-0801 nd Electrometer only
1757 82359 0802-1201 02A
1758 82359 1514-2019 02A Memory dump problem
1759 82359 2020-2155 nd Electrometer only
1760 82359 2156-2214 02A
1761 82360 0001-0302 02A
1762 82360 0303-0438 nd Electrometer only
1763 82360 0439-0505 oo
1764 82360 0705-0947 02A
1765 82360 0948-1126 nd Electrometer only
1766 82360 1127-1405 02A
1767 82360 1605-1647 02A
1768 82360 1648-1826 nd Electrometer only
1769 82360 1827-2055 02A
1770 82360 2255-2338 02A
1771 82360 2339-0114 nd Electrometer only
1772 82361 0115-0333 02A DNA:0115-0134
1773 82361 0533-0620 02A M1333 -8v bias w/toggle
1774 82361 0621-0756 nd Electrometer only
1775 82361 0757-1156 02A M1333 mode
1776 82361 1509-2014 02A
1777 82361 2015-2150 nd Electrometer only
1778 82361 2151-2209 02A
1779 82362 0014-0258 02A

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1780 82362 0259-0434 nd Electrometer only
1781 82362 0435-0459 02A
1782 82362 0659-0943 02A
1783 82362 0944-1122 nd Electrometer only
1784 82362 1123-1359 02A
1785 82362 1550-1640 02A
1786 82362 1641-1822 nd Electrometer only
1787 82362 1823-2223 02A
1788 82363 0114-0402 02A
1789 82363 0526-0613 02A
1790 82363 0614-0751 nd Electrometer only
1791 82363 0752-1125 02A
1792 82363 1517-2007 02A
1793 82363 2008-2145 nd Electrometer only
1794 82363 2146-2202 02A
1795 82364 0009-0253 02A
1796 82364 0254-0429 nd Electrometer only
1797 82364 0430-0454 02A
1798 82364 0654-0938 02A DNA:0749-0846.
1799 82364 0939-1117 nd Electrometer only
1800 82364 1118-1354 02A
1801 82364 1545-1635 02A
1802 82364 1636-1817 nd Electrometer only
1803 82364 1818-2218 02A DNA:1958-2014
1804 82365 0109-0357 02A
1805 82365 0521-0608 02A
1806 82365 0609-0746 nd Electrometer only
1807 82365 0747-1120 02A
1808 82365 1512-2002 02A
1809 82365 2003-2140 nd Electrometer only
1810 82365 2141-2157 02A

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END OF LISTING

IV. DE1/RIMS 1982 INSTRUMENT MODES

The RIMS instrument, being programmable by spacecraft major and minor mode commands, operated in a variety of survey modes during the experiment lifetime. The operating sequence is controlled by an internal memory in the CEA which is programmed by ground command. The RIMS commonly performed two basic operational functions during the mission: (1) The RPA voltage is swept over a selected range for a given mass/charge and, (2) the RPA voltage is set to zero and a sweep is made over a selected mass/charge range. There are several variations of these modes, several specialized modes, and several combinations of sweeps, aperture biasing, and cycling patterns.

Users of the RIMS MAF data sets must be aware of the instrument mode setting for the segment of data being analyzed. The documentation data set, a listing of which accompanies this set of summary spectrograms, lists the RIMS minor mode B commands employed during the mission, keyed to the data's universal time. Brief information on the meaning of the mode mnemonics is given with that listing.

The following is a summary of the RIMS nominal operating modes:

IMSON, RPAON, APPON: "Turn-on" and initiation commands.

STOPIT: "Turn-off" command.

HIXXZ: A family of modes in which the instrument is measuring only one mass/charge pair and concentrating on either high mass/charge or angular resolution. The two unspecified locations in the mnemonic denoted by X will specify the heavier of the pair while the location denoted by Z refers to an RPA program.

XVXXZ: A family of survey modes in which the instrument splits its observing pattern between the H^+/He^+ mass/charge pair and one other mass/charge pair. The definition of the unspecified location is the same as in the previous case. The total cycle time is 16 sec.

SXYYZ: The alternate memory is used to observed the H^+/He^+ pair and the normal memory to observe another mass/charge pair. The XX denotes the heavier of the mass/charge pair under normal memory control. Each mass/charge pair is sampled for 8 sec. Total cycle time is 16 sec.

TXYYZ: A survey mode which is similar to the previous survey mode with the exception of the sequencing pattern. In this case, the H^+/He^+ setting is maintained for 8 sec with an RPA cycle each 0.25 sec. In the subsequent 8-sec half of the cycle time, the instrument toggles between the alternate mass/charge pairs each 0.25 sec. The total cycle time is 16 sec.

MXXYY: A mass/charge sweep mode starting at mass/charge XX and ending at mass/charge YY. The specified mass/charge numbers are those of the heavy mass channel. The lower mass channel is operating and measuring mass/charge species of 1/4 the high mass values. Note: The sweep may not be continuous within the specified range if prior instrument experience has indicated that certain mass/charge numbers are unpopulated. The cycle time is 0.5 sec.

CXXYY: A mass/charge sweep mode with interspersed RPA analysis of the H^+/He^+ pair. The cycle time is 16 sec.

SHXXY: A special mode for high latitude studies. The three ions O^+ , H^+ , and He^+ are measured with RPA scans for each. The cycle time is 1/2 sec.

SSZZZ: Special science modes designed after launch.
Contact RIMS science team.

PLPHN: Plasma mode used to investigate spacecraft/plasma interactions. Geophysical data may be available, but will require special interpretation. N is the program number.

INSTR: Instrument check out, test, and calibration modes.

Note that the instrument may be operating with an additional potential applied to the entrance aperture. The start-up command APPON normally indicates the start of an aperture bias sequence although exceptions do exist within the data set. The following commands identify the applied bias voltage:

NAMMAP2X	-2 volts
NAMMAP4X	-4 volts
NAMMAP8X	-8 volts
PH20AAAA	-2 volts
PH20ADTD	-2 volts
PH40AAAA	-4 volts
PH40ADTD	-4 volts
PH80AAAA	-8 volts
PH80ADAA	-8 volts
PH80ADTD	-8 volts

PL80ADAA	-8 volts
HI04A02X	-2 volts
HI04A03X	-4 volts
HI04A04X	-8 volts
SH16M02X	-8 volts
SSNV801X	-8 volts
SSNV8V01X	-8 volts
T816Q03X	-2 volts
T816Q04X	-4 volts
T816205X	-8 volts
SS04P01	-8 volts

The convention of naming modes as given above was generally but not rigorously followed, i.e., there may be times in which a mass/charge scan mode MXXYY alternated with measurement of H⁺/He⁺. Studies of the RIMS data set should be conducted only with a thorough understanding of the RIMS operational modes and the instrument response to these modes.

In the listing that follows, the year and daynumber is coded as (YEAR-1980) * 1000 + DAYNUMBER. The universal time of day is coded as HHMMSS.

BEG IN	LI	STING	2232	025000	PH00AAAA	2233	050500	HI04N04X	2234	191720	PH00AAAA	2236	233324	AHV71582
2229	233600	APPON	2232	025004	AHV71582	2233	051000	STOPIT	2234	191724	AHV71582	2237	011500	STOPIT
2229	233616	INST10	2232	032100	PH80AAAA	2233	073800	IMSON	2234	214200	STOPIT	2237	034500	APPON
2229	233620	AHV71582	2232	032104	AHV71582	2233	073816	T816R01	2234	233800	IMSON	2237	034516	M133301
2230	030200	PH00ADDT	2232	061500	STOPIT	2233	073820	PH00AAAA	2234	233816	T816R01	2237	034616	SSNV8V01X
2230	030204	AHV71582	2232	090200	APPON	2233	073824	AHV71582	2234	233820	PH00AAAA	2237	034620	PH80AAAA
2230	062700	STOPIT	2232	090216	T816R01	2233	101400	STOPIT	2234	233824	AHV71582	2237	034624	AHV71582
2230	090700	APPON	2232	090220	PH80AAAA	2233	121400	APPON	2235	012000	STOPIT	2237	054000	STOPIT
2230	090716	T816R01	2232	090224	AHV71582	2233	121416	M133301	2235	035000	APPON	2237	072500	IMSON
2230	090720	PH80AAAA	2232	094100	PH00AAAA	2233	121516	SSNV8V01X	2235	035016	M133301	2237	072516	T816R01
2230	090724	AHV71582	2232	094104	AHV71582	2233	121520	PH80AAAA	2235	035116	SSNV8V01X	2237	072520	PH00AAAA
2230	094400	PH00AAAA	2232	101000	PH80AAAA	2233	121524	AHV71582	2235	035120	PH80AAAA	2237	072524	AHV71582
2230	094404	AHV71582	2232	101004	AHV71582	2233	130200	PH00AAAA	2235	035124	AHV71582	2237	121500	STOPIT
2230	101500	PH80AAAA	2232	124100	PH00AAAA	2233	130204	AHV71582	2235	054500	STOPIT	2237	152400	APPON
2230	101504	AHV71582	2232	124104	AHV71582	2233	133500	STOPIT	2235	073000	IMSON	2237	152416	SH16M01
2230	144600	STOPIT	2232	155300	STOPIT	2233	153500	IMSON	2235	073016	T816R01	2237	152420	PH80ADAA
2230	174600	IMSON	2232	163000	APPON	2233	153516	M204001	2235	073020	PH00AAAA	2237	152424	AHV71582
2230	174616	T816R01	2232	163016	M133301	2233	153520	AHV71582	2235	073024	AHV71582	2237	201000	STOPIT
2230	174620	PH00AAAA	2232	163116	SSNV8V01X	2233	222600	STOPIT	2235	122000	STOPIT	2238	000000	IMSON
2230	174624	AHV71582	2232	163120	PH00AAAA	2234	001000	APPON	2235	152900	APPON	2238	000016	T816R01
2230	215300	STOPIT	2232	163124	AHV71582	2234	001016	M133301	2235	152916	SH16M01	2238	000020	PH00AAAA
2231	010100	APPON	2232	165600	PH80AAAA	2234	001116	SSNV8V01X	2235	152920	PH80ADAA	2238	000024	AHV71582
2231	010116	M133301	2232	165604	AHV71582	2234	001120	PH80AAAA	2235	152924	AHV71582	2238	065100	STOPIT
2231	010216	SSNV8V01X	2232	172300	STOPIT	2234	001124	AHV71582	2235	201500	STOPIT	2238	090300	IMSON
2231	010220	PH80AAAA	2232	192200	IMSON	2234	024500	PH00AAAA	2236	000500	IMSON	2238	090316	T816R01
2231	010224	AHV71582	2232	192216	T816R01	2234	024504	AHV71582	2236	000516	T816R01	2238	090320	PH00AAAA
2231	050500	STOPIT	2232	192220	PH00AAAA	2234	031600	PH80AAAA	2236	000520	PH00AAAA	2238	090324	AHV71582
2231	064900	APPON	2232	192224	AHV71582	2234	031604	AHV71582	2236	000524	AHV71582	2238	093000	STOPIT
2231	064916	T816R01	2232	214700	STOPIT	2234	061000	STOPIT	2236	065600	STOPIT	2238	113000	APPON
2231	064920	PH80AAAA	2233	004700	IMSON	2234	085700	APPON	2236	090800	IMSON	2238	113016	M133301
2231	064924	AHV71582	2233	004716	SH16M01	2234	085716	T816R01	2236	090816	T816R01	2238	113116	SSNV8V01X
2231	103000	STOPIT	2233	004720	PH00ADAA	2234	085720	PH80AAAA	2236	090820	PH00AAAA	2238	113120	PH80AAAA
2231	123000	APPON	2233	004724	AHV71582	2234	085724	AHV71582	2236	090824	AHV71582	2238	113124	AHV71582
2231	123016	M133301	2233	044900	STOPIT	2234	093600	PH00AAAA	2236	093500	STOPIT	2238	161300	PH00AAAA
2231	123116	SSNV8V01X	2233	045000	IMSON	2234	093604	AHV71582	2236	113500	APPON	2238	161304	AHV71582
2231	123120	PH80AAAA	2233	045016	HI04N01	2234	100500	PH80AAAA	2236	113516	M133301	2238	164000	STOPIT
2231	123124	AHV71582	2233	045100	HI04N01X	2234	100504	AHV71582	2236	113616	SSNV8V01X	2238	184800	APPON
2231	130700	PH00AAAA	2233	045200	HI04N03X	2234	123600	PH00AAAA	2236	113620	PH80AAAA	2238	184816	T816R01
2231	130704	AHV71582	2233	045300	HI04N04X	2234	123604	AHV71582	2236	113624	AHV71582	2238	184820	PH80AAAA
2231	133300	STOPIT	2233	045400	HI04N01X	2234	154800	STOPIT	2236	161800	PH00AAAA	2238	184824	AHV71582
2231	153300	IMSON	2233	045500	HI04N03X	2234	162500	APPON	2236	161804	AHV71582	2238	231000	PH00AAAA
2231	153316	T816R01	2233	045600	HI04N04X	2234	162516	M133301	2236	164500	STOPIT	2238	231004	AHV71582
2231	153320	PH00AAAA	2233	045700	HI04N01X	2234	162616	SSNV8V01X	2236	185300	APPON	2238	233000	STOPIT
2231	153324	AHV71582	2233	045800	HI04N03X	2234	162620	PH00AAAA	2236	185316	T816R01	2239	023000	APPON
2231	201500	STOPIT	2233	045900	HI04N04X	2234	162624	AHV71582	2236	185320	PH80AAAA	2239	023016	SH16M01
2232	001500	APPON	2233	050000	HI04N01X	2234	165100	PH80AAAA	2236	185324	AHV71582	2239	023020	PH80ADAA
2232	001516	M133301	2233	050100	HI04N03X	2234	165104	AHV71582	2236	213200	STOPIT	2239	023024	AHV71582
2232	001616	SSNV8V01X	2233	050200	HI04N04X	2234	171800	STOPIT	2236	233300	IMSON	2239	053000	STOPIT
2232	001620	PH80AAAA	2233	050300	HI04N01X	2234	191700	IMSON	2236	233316	T816R01	2239	075200	APPON
2232	001624	AHV71582	2233	050400	HI04N03X	2234	191716	T816R01	2236	233320	PH00AAAA	2239	075216	T816R01

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2239 075220	PH80AAAA	2243 203900	SH16M02X	2243 221100	SH16M02X	2244 212216	SSN8V01X	2248 105520	PH80AAAA
2239 075224	AHV71582	2243 204000	SH16M03X	2243 221200	SH16M03X	2244 212220	PH80AAAA	2248 105524	AHV71582
2239 124900	PH00AAAA	2243 204100	SH16M02X	2243 221300	SH16M02X	2244 212224	AHV71582	2248 121500	PH00AAAA
2239 124904	AHV71582	2243 204200	SH16M03X	2243 221400	SH16M03X	2244 225100	PH00AAAA	2248 121504	AHV71582
2239 131700	PH80AAAA	2243 204300	SH16M02X	2243 221500	SH16M02X	2244 225104	AHV71582	2248 151800	PH80AAAA
2239 131704	AHV71582	2243 204400	SH16M03X	2243 221600	SH16M03X	2244 232100	PH80AAAA	2248 151804	AHV71582
2239 133000	STOPTIT	2243 204500	SH16M02X	2243 221700	SH16M02X	2244 232104	AHV71582	2248 154800	PH00AAAA
2239 152100	IMSON	2243 204600	SH16M03X	2243 221800	SH16M03X	2245 020600	STOPTIT	2248 154804	AHV71582
2239 152116	T816R01	2243 204700	SH16M02X	2243 221900	SH16M02X	2245 035200	IMSON	2248 161600	PH80AAAA
2239 152120	PH00AAAA	2243 204800	SH16M03X	2243 222000	SH16M03X	2245 035216	T816R01	2248 161604	AHV71582
2239 152124	AHV71582	2243 204900	SH16M02X	2243 222100	SH16M02X	2245 035220	PH00AAAA	2248 174600	STOPTIT
2239 201500	STOPTIT	2243 205000	SH16M03X	2243 222200	SH16M03X	2245 035224	AHV71582	2248 192400	APPON
2239 231500	IMSON	2243 205100	SH16M02X	2243 222300	SH16M02X	2245 045000	STOPTIT	2248 192416	SH16M01
2239 231516	CS04L01	2243 205200	SH16M03X	2243 222400	SH16M03X	2245 062000	IMSON	2248 192420	PH00ADAA
2239 231520	AHV71582	2243 205300	SH16M02X	2243 222500	SH16M02X	2245 062016	T816R01	2248 192424	AHV71582
2240 060600	STOPTIT	2243 205400	SH16M03X	2243 222600	SH16M03X	2245 062020	PH00AAAA	2248 222100	STOPTIT
2240 093400	IMSON	2243 205500	SH16M02X	2243 222700	SH16M02X	2245 062024	AHV71582	2249 012500	APPON
2240 093416	CMMSL01	2243 205600	SH16M03X	2243 222800	SH16M03X	2245 100000	STOPTIT	2249 012516	M133301
2240 093420	AHV71582	2243 205700	SH16M02X	2243 222900	SH16M02X	2245 120200	APPON	2249 012616	SSN8V01X
2240 162500	STOPTIT	2243 205800	SH16M03X	2243 223000	SH16M03X	2245 120216	M133301	2249 012620	PH80AAAA
2240 185200	APPON	2243 205900	SH16M02X	2243 223100	SH16M02X	2245 120316	SSN8V01X	2249 012624	AHV71582
2240 185216	M133301	2243 210000	SH16M03X	2243 223200	SH16M03X	2245 120320	PH80AAAA	2249 053300	PH00AAAA
2240 185316	SSN8V01X	2243 210100	SH16M02X	2243 223300	SH16M02X	2245 120324	AHV71582	2249 053304	AHV71582
2240 185320	PH80AAAA	2243 210200	SH16M03X	2243 223400	SH16M03X	2245 123000	PH00AAAA	2249 060500	STOPTIT
2240 185324	AHV71582	2243 210300	SH16M02X	2243 223500	SH16M02X	2245 123004	AHV71582	2249 080500	IMSON
2240 223500	STOPTIT	2243 210400	SH16M03X	2243 223600	SH16M03X	2245 130000	STOPTIT	2249 080516	T816R01
2241 022500	APPON	2243 210500	SH16M02X	2243 223700	SH16M02X	2245 160000	IMSON	2249 080520	PH00ADAA
2241 022516	SH16M01	2243 210600	SH16M03X	2243 223800	SH16M03X	2245 160016	SH16M01	2249 080524	AHV71582
2241 022520	PH80ADAA	2243 210700	SH16M02X	2243 223900	SH16M02X	2245 160020	PH00ADAA	2249 103000	STOPTIT
2241 022524	AHV71582	2243 210800	SH16M03X	2243 224000	SH16M03X	2245 160024	AHV71582	2249 115500	IMSON
2241 052500	STOPTIT	2243 210900	SH16M02X	2243 224100	SH16M02X	2245 225100	STOPTIT	2249 115516	M204001
2241 074700	APPON	2243 211000	SH16M03X	2243 224200	SH16M03X	2246 023900	IMSON	2249 115520	AHV71582
2241 074716	T816R01	2243 211100	SH16M02X	2243 224300	SH16M02X	2246 023916	T816R01	2249 135500	STOPTIT
2241 074720	PH80AAAA	2243 211200	SH16M03X	2243 224400	SH16M03X	2246 023920	PH00AAAA	2249 152500	APPON
2241 074724	AHV71582	2243 211300	SH16M02X	2243 224500	SH16M02X	2246 023924	AHV71582	2249 152516	CMMSL01
2241 124400	PH00AAAA	2243 211400	SH16M03X	2243 224600	SH16M03X	2246 063400	STOPTIT	2249 152616	SSN8V01X
2241 124404	AHV71582	2243 211500	SH16M02X	2243 224700	SH16M02X	2246 071500	IMSON	2249 152620	AHV71582
2241 131200	PH80AAAA	2243 211600	SH16M03X	2243 224800	SH16M03X	2246 071516	T816R01	2249 221600	STOPTIT
2241 131204	AHV71582	2243 211700	SH16M02X	2243 224900	SH16M02X	2246 071520	PH00AAAA	2250 000500	APPON
2241 132500	STOPTIT	2243 211800	SH16M03X	2243 225000	SH16M03X	2246 071524	AHV71582	2250 000516	T816R01
2241 151600	IMSON	2243 211900	SH16M02X	2243 225100	SH16M02X	2246 081500	STOPTIT	2250 000520	PH80AAAA
2241 151616	T816R01	2243 212000	SH16M03X	2243 225200	SH16M03X	2246 110000	APPON	2250 000524	AHV71582
2241 151620	PH00AAAA	2243 212100	SH16M02X	2243 225300	SH16M02X	2246 110016	T816R01	2250 013000	STOPTIT
2241 151624	AHV71582	2243 212200	SH16M03X	2243 225400	SH16M03X	2246 110020	PH80AAAA	2250 023000	APPON
2241 201000	STOPTIT	2243 212300	SH16M02X	2243 225500	SH16M02X	2246 110024	AHV71582	2250 023016	SH16M01
2241 231000	APPON	2243 212400	SH16M03X	2243 225600	SH16M03X	2246 122000	PH00ADAA	2250 023020	PH80ADAA
2241 231016	CS04L01	2243 212500	SH16M02X	2243 225700	SH16M02X	2246 122004	AHV71582	2250 023024	AHV71582
2241 231116	SSN8V01X	2243 212600	SH16M03X	2243 225800	SH16M03X	2246 152300	PH80AAAA	2250 062800	STOPTIT
2241 231120	AHV71582	2243 212700	SH16M02X	2243 225900	SH16M02X	2246 152304	AHV71582	2250 071500	IMSON
2242 060100	STOPTIT	2243 212800	SH16M03X	2243 230000	SH16M03X	2246 155300	PH00AAAA	2250 071516	T816R01
2242 092900	APPON	2243 212900	SH16M02X	2243 230100	SH16M02X	2246 155304	AHV71582	2250 071520	PH00AAAA
2242 092916	CMMSL01	2243 213000	SH16M03X	2243 230200	SH16M03X	2246 162100	PH80AAAA	2250 071524	AHV71582
2242 093016	SSN8V01X	2243 213100	SH16M02X	2243 230300	SH16M02X	2246 162104	AHV71582	2250 073500	STOPTIT
2242 093020	AHV71582	2243 213200	SH16M03X	2243 230400	SH16M03X	2246 175100	STOPTIT	2250 082000	IMSON
2242 162000	STOPTIT	2243 213300	SH16M02X	2243 230500	SH16M02X	2246 192900	APPON	2250 082020	PH00AAAA
2242 184700	APPON	2243 213400	SH16M03X	2243 230600	SH16M03X	2246 192916	SH16M01	2250 082024	AHV71582
2242 184716	M133301	2243 213500	SH16M02X	2243 230700	SH16M02X	2246 192920	PH00ADAA	2250 091100	STOPTIT
2242 184816	SSN8V01X	2243 213600	SH16M03X	2243 230800	SH16M03X	2246 192924	AHV71582	2250 113600	IMSON
2242 184820	PH80AAAA	2243 213700	SH16M02X	2243 230900	SH16M02X	2246 222600	STOPTIT	2250 113616	T816R01
2242 184824	AHV71582	2243 213800	SH16M03X	2243 231000	SH16M03X	2247 013000	APPON	2250 113620	PH00AAAA
2242 223000	STOPTIT	2243 213900	SH16M02X	2243 231100	SH16M02X	2247 013016	M133301	2250 113624	AHV71582
2243 013000	IMSON	2243 214000	SH16M03X	2243 231200	SH16M03X	2247 013116	SSN8V01X	2250 182700	STOPTIT
2243 013016	SH16M01	2243 214100	SH16M02X	2243 231300	SH16M02X	2247 013120	PH80AAAA	2250 202700	APPON
2243 013020	PH00ADAA	2243 214200	SH16M03X	2243 231400	SH16M03X	2247 013124	AHV71582	2250 202716	T816R01
2243 013024	AHV71582	2243 214300	SH16M02X	2243 231500	SH16M03X	2247 053800	PH00AAAA	2250 202720	PH80AAAA
2243 051000	STOPTIT	2243 214400	SH16M03X	2243 231700	SH16M03X	2247 053804	AHV71582	2250 202724	AHV71582
2243 071000	APPON	2243 214500	SH16M02X	2243 231800	STOPTIT	2247 061000	STOPTIT	2250 221600	STOPTIT
2243 071016	T816R01	2243 214600	SH16M03X	2244 020000	APPON	2247 081000	IMSON	2251 001600	APPON
2243 071020	PH80AAAA	2243 214700	SH16M02X	2244 020016	SH16M01	2247 081016	T816R01	2251 001616	SH16M01
2243 071204	AHV71582	2243 214800	SH16M03X	2244 020020	PH80ADAA	2247 081020	PH00AAAA	2251 001620	PH80ADAA
2243 115000	STOPTIT	2243 214900	SH16M02X	2244 020024	AHV71582	2247 081024	AHV71582	2251 001624	AHV71582
2243 145000	APPON	2243 215000	SH16M03X	2244 063800	STOPTIT	2247 103500	STOPTIT	2251 025300	PH00ADAA
2243 145016	M133301	2243 215100	SH16M02X	2244 080000	IMSON	2247 120000	IMSON	2251 025304	AHV71582
2243 145116	SSN8V01X	2243 215200	SH16M03X	2244 080016	T816R01	2247 120016	M204001	2251 051100	STOPTIT
2243 145120	PH80AAAA	2243 215300	SH16M02X	2244 080020	PH00AAAA	2247 120020	AHV71582	2251 061800	APPON
2243 145124	AHV71582	2243 215400	SH16M03X	2244 080024	AHV71582	2247 140000	STOPTIT	2251 061816	T816R01
2243 180800	STOPTIT	2243 215500	SH16M02X	2244 083000	STOPTIT	2247 153000	IMSON	2251 061820	PH80AAAA
2243 185300	IMSON	2243 215600	SH16M03X	2244 113000	APPON	2247 153016	CMMSL01	2251 061824	AHV71582
2243 185316	T816R01	2243 215700	SH16M02X	2244 113016	SH16M01	2247 153020	AHV71582	2251 094700	STOPTIT
2243 185320	PH00AAAA	2243 215800	SH16M03X	2244 113020	PH80ADAA	2247 222100	STOPTIT	2251 113800	APPON
2243 185324	AHV71582	2243 215900	SH16M02X	2244 113024	AHV71582	2248 023400	IMSON	2251 113816	M133301
2243 192000	STOPTIT	2243 220000	SH16M03X	2244 122500	PH00ADAA	2248 023416	T816R01	2251 113916	SSN8V01X
2243 203016	APPON	2243 220100	SH16M02X	2244 122504	AHV71582	2248 023420	PH00AAAA	2251 113920	PH80AAAA
2243 203100	SH16M02X	2243 220200	SH16M03X	2244 152804	AHV71582	2248 023424	AHV71582	2251 113924	AHV71582
2243 203200	SH16M03X	2243 220300	SH16M02X	2244 155700	PH00ADAA	2248 062900	STOPTIT	2251 121500	PH00AAAA
2243 203300	SH16M02X	2243 220400	SH16M03X	2244 155704	AHV71582	2248 071016	IMSON	2251 121504	AHV71582
2243 203400	SH16M03X	2243 220500	SH16M02X	2244 162800	PH80ADAA	2248 071020	PH00AAAA	2251 123200	STOPTIT
2243 203500	SH16M02X	2243 220600	SH16M03X	2244 162804	AHV71582	2248 071024	AHV71582	2251 145300	IMSON
2243 203600	SH16M03X	2243 220700	SH16M02X	2244 182100	STOPTIT	2248 081000	STOPTIT	2251 145316	T816R01
2243 203700	SH16M02X	2243 220800	SH16M03X	2244 212100	APPON	2248 081004	STOPTIT	2251 145320	

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2252	000000	APPON	2255	143800	T816Q03X	2255	161000	T816Q04X	2255	174300	T816Q05X	2255	191500	T816Q03X
2252	000016	T816R01	2255	143900	T816Q02X	2255	161100	T816Q02X	2255	174400	T816Q02X	2255	191600	T816Q02X
2252	000020	PH80AAAA	2255	144000	T816Q04X	2255	161200	T816Q05X	2255	174500	T816Q03X	2255	191700	T816Q04X
2252	000024	AHV71582	2255	144100	T816Q02X	2255	161300	T816Q02X	2255	174600	T816Q02X	2255	191800	T816Q02X
2252	012500	STOPIT	2255	144200	T816Q05X	2255	161400	T816Q03X	2255	174700	T816Q04X	2255	191900	T816Q05X
2252	022500	APPON	2255	144300	T816Q02X	2255	161500	T816Q02X	2255	174800	T816Q02X	2255	192000	T816Q02X
2252	022516	SH16M01	2255	144400	T816Q03X	2255	161600	T816Q04X	2255	174900	T816Q05X	2255	192100	T816Q03X
2252	022520	PH80ADAA	2255	144500	T816Q02X	2255	161700	T816Q02X	2255	175000	T816Q02X	2255	192200	T816Q02X
2252	022524	AHV71582	2255	144600	T816Q04X	2255	161800	T816Q05X	2255	175100	T816Q03X	2255	192300	T816Q04X
2252	062300	STOPIT	2255	144700	T816Q02X	2255	161900	T816Q02X	2255	175200	T816Q02X	2255	192400	T816Q02X
2252	071000	IMSON	2255	144800	T816Q05X	2255	162000	T816Q03X	2255	175300	T816Q04X	2255	192500	T816Q05X
2252	071016	T816R01	2255	144900	T816Q02X	2255	162100	T816Q02X	2255	175400	T816Q02X	2255	192600	T816Q02X
2252	071020	PH00AAAA	2255	145000	T816Q03X	2255	162200	T816Q04X	2255	175500	T816Q05X	2255	192700	T816Q03X
2252	071024	AHV71582	2255	145100	T816Q02X	2255	162300	T816Q02X	2255	175600	T816Q02X	2255	192800	T816Q02X
2252	073000	STOPIT	2255	145200	T816Q04X	2255	162400	T816Q05X	2255	175700	T816Q03X	2255	192900	T816Q04X
2252	081500	IMSON	2255	145300	T816Q02X	2255	162500	T816Q02X	2255	175800	T816Q02X	2255	193000	T816Q02X
2252	081520	PH00AAAA	2255	145400	T816Q05X	2255	162600	T816Q03X	2255	175900	T816Q04X	2255	193100	T816Q05X
2252	081524	AHV71582	2255	145500	T816Q02X	2255	162700	T816Q02X	2255	180000	T816Q02X	2255	193200	T816Q02X
2252	090600	STOPIT	2255	145600	T816Q03X	2255	162800	T816Q04X	2255	180100	T816Q05X	2255	193300	T816Q03X
2252	113100	IMSON	2255	145700	T816Q02X	2255	162900	T816Q02X	2255	180200	T816Q02X	2255	193400	T816Q02X
2252	113116	T816R01	2255	145800	T816Q04X	2255	163000	T816Q05X	2255	180300	T816Q03X	2255	193500	T816Q04X
2252	113120	PH00AAAA	2255	145900	T816Q02X	2255	163100	T816Q02X	2255	180400	T816Q02X	2255	193600	T816Q02X
2252	113124	AHV71582	2255	150000	T816Q05X	2255	163200	T816Q03X	2255	180500	T816Q04X	2255	193700	T816Q05X
2252	182200	STOPIT	2255	150100	T816Q02X	2255	163300	T816Q02X	2255	180600	T816Q02X	2255	193800	T816Q02X
2252	202200	APPON	2255	150200	T816Q03X	2255	163400	T816Q04X	2255	180700	T816Q05X	2255	193900	T816Q03X
2252	202216	T816R01	2255	150300	T816Q02X	2255	163500	T816Q02X	2255	180800	T816Q02X	2255	194000	T816Q02X
2252	202220	PH80AAAA	2255	150400	T816Q04X	2255	163600	T816Q05X	2255	180900	T816Q03X	2255	194100	T816Q04X
2252	202224	AHV71582	2255	150500	T816Q02X	2255	163700	T816Q02X	2255	181000	T816Q02X	2255	194200	T816Q02X
2252	221100	STOPIT	2255	150600	T816Q05X	2255	163800	T816Q03X	2255	181100	T816Q04X	2255	194300	T816Q05X
2253	001100	APPON	2255	150700	T816Q02X	2255	163900	T816Q02X	2255	181200	T816Q02X	2255	194400	T816Q02X
2253	001116	SH16M01	2255	150800	T816Q03X	2255	164000	T816Q04X	2255	181300	T816Q05X	2255	194500	T816Q03X
2253	001120	PH80ADAA	2255	150900	T816Q02X	2255	164100	T816Q02X	2255	181400	T816Q02X	2255	194600	T816Q02X
2253	001124	AHV71582	2255	151000	T816Q04X	2255	164200	T816Q05X	2255	181500	T816Q03X	2255	194700	T816Q04X
2253	024800	PH00ADAA	2255	151100	T816Q02X	2255	164300	T816Q02X	2255	181600	T816Q02X	2255	194800	T816Q02X
2253	024804	AHV71582	2255	151200	T816Q05X	2255	164400	T816Q03X	2255	181700	T816Q04X	2255	194900	T816Q05X
2253	050600	STOPIT	2255	151300	T816Q02X	2255	164500	T816Q02X	2255	181800	T816Q02X	2255	195000	T816Q02X
2253	061300	APPON	2255	151400	T816Q03X	2255	164600	T816Q04X	2255	181900	T816Q05X	2255	195100	T816Q03X
2253	061316	T816R01	2255	151500	T816Q02X	2255	164700	T816Q02X	2255	182000	T816Q02X	2255	195200	T816Q02X
2253	061320	PH80AAAA	2255	151600	T816Q04X	2255	164800	T816Q05X	2255	182100	T816Q03X	2255	195300	T816Q04X
2253	061324	AHV71582	2255	151700	T816Q02X	2255	164900	T816Q02X	2255	182200	T816Q02X	2255	195400	T816Q02X
2253	094200	STOPIT	2255	151800	T816Q05X	2255	165000	T816Q03X	2255	182300	T816Q04X	2255	195500	T816Q05X
2253	113300	APPON	2255	151900	T816Q02X	2255	165100	T816Q02X	2255	182400	T816Q02X	2255	195600	T816Q02X
2253	113316	M133301	2255	152000	T816Q03X	2255	165200	T816Q04X	2255	182500	T816Q05X	2255	195700	T816Q03X
2253	113416	SSN8V01X	2255	152100	T816Q02X	2255	165300	T816Q02X	2255	182600	T816Q02X	2255	195800	T816Q02X
2253	113420	PH80AAAA	2255	152200	T816Q04X	2255	165400	T816Q05X	2255	182700	T816Q03X	2255	195900	T816Q04X
2253	113424	AHV71582	2255	152300	T816Q02X	2255	165500	T816Q02X	2255	182800	T816Q02X	2255	200000	T816Q02X
2253	121000	PH00AAAA	2255	152400	T816Q05X	2255	165600	T816Q03X	2255	182900	T816Q04X	2255	200100	T816Q05X
2253	121004	AHV71582	2255	152500	T816Q02X	2255	165700	T816Q02X	2255	183000	T816Q02X	2255	200200	T816Q02X
2253	122700	STOPIT	2255	152600	T816Q03X	2255	165800	T816Q04X	2255	183100	T816Q05X	2255	200300	T816Q03X
2253	144800	IMSON	2255	152700	T816Q02X	2255	165900	T816Q02X	2255	183200	T816Q02X	2255	200400	T816Q02X
2253	144816	T816R01	2255	152800	T816Q04X	2255	170000	T816Q05X	2255	183300	T816Q03X	2255	200500	T816Q04X
2253	144820	PH00AAAA	2255	152900	T816Q02X	2255	170100	T816Q02X	2255	183400	T816Q02X	2255	200600	T816Q02X
2253	144824	AHV71582	2255	153000	T816Q05X	2255	170200	T816Q03X	2255	183500	T816Q04X	2255	200700	T816Q05X
2253	213900	STOPIT	2255	153100	T816Q02X	2255	170300	T816Q02X	2255	183600	T816Q02X	2255	200800	T816Q02X
2254	001100	IMSON	2255	153200	T816Q03X	2255	170400	T816Q04X	2255	183700	T816Q05X	2255	200900	T816Q03X
2254	001116	M204001	2255	153300	T816Q02X	2255	170500	T816Q02X	2255	183800	T816Q02X	2255	201000	T816Q02X
2254	001120	AHV71582	2255	153400	T816Q04X	2255	170600	T816Q05X	2255	183900	T816Q03X	2255	201100	T816Q04X
2254	011400	STOPIT	2255	153500	T816Q02X	2255	170700	T816Q02X	2255	184000	T816Q02X	2255	201200	T816Q02X
2254	022400	APPON	2255	153600	T816Q05X	2255	170800	T816Q03X	2255	184100	T816Q04X	2255	201300	T816Q05X
2254	022416	T816R01	2255	153700	T816Q02X	2255	170900	T816Q02X	2255	184200	T816Q02X	2255	201400	T816Q02X
2254	022420	PH80AAAA	2255	153800	T816Q03X	2255	171000	T816Q04X	2255	184300	T816Q05X	2255	201500	T816Q03X
2254	022424	AHV71582	2255	153900	T816Q02X	2255	171100	T816Q02X	2255	184400	T816Q02X	2255	201600	T816Q02X
2254	083200	STOPIT	2255	154000	T816Q04X	2255	171200	T816Q05X	2255	184500	T816Q03X	2255	201700	T816Q04X
2254	113200	IMSON	2255	154100	T816Q02X	2255	171300	T816Q02X	2255	184600	T816Q02X	2255	201800	T816Q02X
2254	113216	SH16M01	2255	154200	T816Q05X	2255	171400	T816Q03X	2255	184700	T816Q04X	2255	201900	T816Q05X
2254	113220	PH00ADAA	2255	154300	T816Q02X	2255	171500	T816Q02X	2255	184800	T816Q02X	2255	202000	T816Q02X
2254	113224	AHV71582	2255	154400	T816Q03X	2255	171600	T816Q04X	2255	184900	T816Q05X	2255	202100	T816Q03X
2254	182300	STOPIT	2255	154500	T816Q02X	2255	171700	T816Q02X	2255	185000	T816Q02X	2255	202200	T816Q02X
2254	202300	IMSON	2255	154600	T816Q04X	2255	171800	T816Q05X	2255	185100	T816Q03X	2255	202300	T816Q04X
2254	202316	M204001	2255	154700	T816Q02X	2255	171900	T816Q02X	2255	185200	T816Q02X	2255	202400	T816Q02X
2254	202320	AHV71582	2255	154800	T816Q05X	2255	172000	T816Q03X	2255	185300	T816Q04X	2255	202500	T816Q05X
2254	224600	STOPIT	2255	154900	T816Q02X	2255	172100	T816Q02X	2255	185400	T816Q02X	2255	202600	T816Q02X
2255	001600	APPON	2255	155000	T816Q03X	2255	172300	T816Q04X	2255	185500	T816Q05X	2255	202700	T816Q03X
2255	001616	T816R01	2255	155100	T816Q02X	2255	172400	T816Q02X	2255	185600	T816Q02X	2255	202800	T816Q02X
2255	001620	PH80AAAA	2255	155200	T816Q04X	2255	172500	T816Q05X	2255	185700	T816Q03X	2255	202900	T816Q04X
2255	001624	AHV71582	2255	155300	T816Q02X	2255	172600	T816Q02X	2255	185800	T816Q02X	2255	203	

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2255	204700	T816Q04X	2258	105520	PH80AAAA	2259	024200	SH16M03X	2259	041400	SH16M03X	2262	115100	PH00AAAA
2255	204800	T816Q02X	2258	105524	AHV71582	2259	024300	SH16M02X	2259	041500	SH16M03X	2262	115104	AHV71582
2255	204900	T816Q05X	2258	120200	PH00AAAA	2259	024400	SH16M03X	2259	041700	SH16M03X	2262	144500	PH80AAAA
2255	205000	T816Q02X	2258	120204	AHV71582	2259	024500	SH16M02X	2259	041800	STOPIT	2262	144504	AHV71582
2255	205100	T816Q02X	2258	145600	PH80AAAA	2259	024600	SH16M03X	2259	055900	IMSON	2262	151200	PH00AAAA
2255	205200	T816Q02X	2258	145604	AHV71582	2259	024700	SH16M02X	2259	055916	T816R01	2262	151204	AHV71582
2255	205300	T816Q04X	2258	152300	PH00AAAA	2259	024800	SH16M03X	2259	055920	PH00AAAA	2262	154600	STOPIT
2255	205400	T816Q02X	2258	152304	AHV71582	2259	024900	SH16M02X	2259	055924	AHV71582	2262	164600	APPON
2255	205500	T816Q05X	2258	155000	PH80AAAA	2259	025000	SH16M03X	2259	124700	STOPIT	2262	164616	SH16M01
2255	205600	T816Q02X	2258	155004	AHV71582	2259	025100	SH16M02X	2259	152700	APPON	2262	164620	PH80ADAA
2255	205700	T816Q03X	2258	174600	STOPIT	2259	025200	SH16M03X	2259	152716	INSTR10	2262	164624	AHV71582
2255	205800	T816Q02X	2258	194600	APPON	2259	025300	SH16M02X	2259	152720	AHV71582	2262	212500	STOPIT
2255	205900	T816Q04X	2258	194616	M133301	2259	025400	SH16M03X	2259	185300	PH00ADDT	2262	232700	IMSON
2255	210000	T816Q02X	2258	194716	SSN8V01X	2259	025500	SH16M02X	2259	185304	AHV71582	2262	232716	T816R01
2255	210100	T816Q05X	2258	194720	PH80AAAA	2259	025600	SH16M03X	2259	221800	STOPIT	2262	232720	PH00AAAA
2255	210200	T816Q02X	2258	194724	AHV71582	2259	025700	SH16M02X	2260	003500	APPON	2262	232724	AHV71582
2255	210300	T816Q03X	2258	221400	PH00AAAA	2259	025800	SH16M03X	2260	003516	M133301	2263	042100	STOPIT
2255	210400	T816Q02X	2258	221404	AHV71582	2259	025900	SH16M02X	2260	003616	SSN8V01X	2263	062100	IMSON
2255	210500	T816Q04X	2258	224700	STOPIT	2259	030000	SH16M03X	2260	003620	PH80AAAA	2263	062116	T816R01
2255	210600	T816Q02X	2259	013000	APPON	2259	030100	SH16M02X	2260	003624	AHV71582	2263	062120	PH00AAAA
2255	210700	T816Q05X	2259	013016	SH16M01	2259	030200	SH16M03X	2260	005500	STOPIT	2263	062124	AHV71582
2255	210800	T816Q02X	2259	013100	SH16M02X	2259	030300	SH16M02X	2260	015500	APPON	2263	094500	STOPIT
2255	210900	T816Q03X	2259	013200	SH16M03X	2259	030400	SH16M03X	2260	015516	M133301	2263	104500	APPON
2255	211000	T816Q02X	2259	013300	SH16M02X	2259	030500	SH16M02X	2260	015520	PH00AAAA	2263	104516	M133301
2255	211100	T816Q04X	2259	013400	SH16M03X	2259	030600	SH16M03X	2260	015524	AHV71582	2263	104616	SSN8V01X
2255	211200	T816Q02X	2259	013500	SH16M02X	2259	030700	SH16M02X	2260	021400	PH80AAAA	2263	104620	PH80AAAA
2255	211300	T816Q05X	2259	013600	SH16M03X	2259	030800	SH16M03X	2260	021404	AHV71582	2263	104624	AHV71582
2255	211400	T816Q02X	2259	013700	SH16M02X	2259	030900	SH16M02X	2260	064500	STOPIT	2263	114400	PH00AAAA
2255	211500	T816Q03X	2259	013800	SH16M03X	2259	031000	SH16M03X	2260	090000	APPON	2263	114404	AHV71582
2255	211600	T816Q02X	2259	013900	SH16M02X	2259	031100	SH16M02X	2260	090016	T816R01	2263	120600	STOPIT
2255	211700	T816Q04X	2259	014000	SH16M03X	2259	031200	SH16M03X	2260	090020	PH80AAAA	2263	144100	APPON
2255	211800	T816Q02X	2259	014100	SH16M02X	2259	031300	SH16M02X	2260	090024	AHV71582	2263	144116	SH16M01
2255	211900	T816Q05X	2259	014200	SH16M03X	2259	031400	SH16M02X	2260	115600	PH00AAAA	2263	144120	PH80ADAA
2255	212000	T816Q02X	2259	014300	SH16M02X	2259	031500	SH16M02X	2260	115604	AHV71582	2263	144124	AHV71582
2255	212100	T816Q03X	2259	014400	SH16M03X	2259	031600	SH16M03X	2260	145000	PH80AAAA	2263	145700	PH00ADAA
2255	212200	T816Q02X	2259	014500	SH16M02X	2259	031700	SH16M02X	2260	145004	AHV71582	2263	145704	AHV71582
2255	212300	T816Q04X	2259	014600	SH16M03X	2259	031800	SH16M03X	2260	151700	PH00AAAA	2263	180900	PH80ADAA
2255	212400	T816Q02X	2259	014700	SH16M02X	2259	031900	SH16M02X	2260	151704	AHV71582	2263	180904	AHV71582
2255	212500	T816Q05X	2259	014800	SH16M03X	2259	032000	SH16M03X	2260	155100	STOPIT	2263	183500	PH00ADAA
2255	212600	T816Q02X	2259	014900	SH16M02X	2259	032100	SH16M02X	2260	165100	APPON	2263	183504	AHV71582
2255	212700	STOPIT	2259	015000	SH16M03X	2259	032200	SH16M03X	2260	165116	SH16M01	2263	190500	PH80ADAA
2256	000600	IMSON	2259	015100	SH16M02X	2259	032300	SH16M02X	2260	165120	PH80ADAA	2263	190504	AHV71582
2256	000616	M204001	2259	015200	SH16M03X	2259	032400	SH16M03X	2260	165124	AHV71582	2263	213200	STOPIT
2256	000620	AHV71582	2259	015300	SH16M02X	2259	032500	SH16M02X	2260	213000	STOPIT	2263	234800	APPON
2256	010900	STOPIT	2259	015400	SH16M03X	2259	032600	SH16M03X	2260	233200	IMSON	2263	234816	M133301
2256	021900	APPON	2259	015500	SH16M02X	2259	032700	SH16M02X	2260	233216	T816R01	2263	234916	SSN8V01X
2256	021916	T816R01	2259	015600	SH16M03X	2259	032800	SH16M03X	2260	233220	PH00AAAA	2263	234920	PH80AAAA
2256	021920	PH80AAAA	2259	015700	SH16M02X	2259	032900	SH16M02X	2260	233224	AHV71582	2263	234924	AHV71582
2256	021924	AHV71582	2259	015800	SH16M03X	2259	033000	SH16M03X	2261	042600	STOPIT	2264	012900	PH00AAAA
2256	082700	STOPIT	2259	015900	SH16M02X	2259	033100	SH16M02X	2261	062600	IMSON	2264	012904	AHV71582
2256	112700	IMSON	2259	020000	SH16M03X	2259	033200	SH16M03X	2261	062616	T816R01	2264	020200	PH80AAAA
2256	112716	SH16M01	2259	020100	SH16M02X	2259	033300	SH16M02X	2261	062620	PH00AAAA	2264	020204	AHV71582
2256	112720	PH00ADAA	2259	020200	SH16M03X	2259	033400	SH16M03X	2261	062624	AHV71582	2264	063500	STOPIT
2256	112724	AHV71582	2259	020300	SH16M02X	2259	033500	SH16M02X	2261	095000	STOPIT	2264	073500	APPON
2256	181800	STOPIT	2259	020400	SH16M03X	2259	033600	SH16M03X	2261	105000	APPON	2264	073516	M133301
2256	201800	IMSON	2259	020500	SH16M02X	2259	033700	SH16M02X	2261	105016	M133301	2264	073616	SSN8V01X
2256	201816	M204001	2259	020600	SH16M03X	2259	033800	SH16M03X	2261	105116	SSN8V01X	2264	073620	PH80AAAA
2256	201820	AHV71582	2259	020700	SH16M02X	2259	033900	SH16M02X	2261	105120	PH80AAAA	2264	073624	AHV71582
2256	224100	STOPIT	2259	020800	SH16M03X	2259	034000	SH16M03X	2261	105124	AHV71582	2264	081800	PH00AAAA
2257	004100	APPON	2259	020900	SH16M02X	2259	034100	SH16M02X	2261	114900	PH00AAAA	2264	081804	AHV71582
2257	004116	SH16M01	2259	021000	SH16M03X	2259	034200	SH16M03X	2261	114904	AHV71582	2264	084500	STOPIT
2257	004120	PH80ADAA	2259	021100	SH16M02X	2259	034300	SH16M02X	2261	121100	STOPIT	2264	104500	IMSON
2257	004124	AHV71582	2259	021200	SH16M03X	2259	034400	SH16M03X	2261	144600	APPON	2264	104516	SH16M01
2257	034700	STOPIT	2259	021300	SH16M02X	2259	034500	SH16M02X	2261	144616	SH16M01	2264	104520	PH00ADAA
2257	053800	APPON	2259	021400	SH16M03X	2259	034600	SH16M03X	2261	144620	PH80ADAA	2264	104524	AHV71582
2257	053816	T816R01	2259	021500	SH16M02X	2259	034700	SH16M02X	2261	144624	AHV71582	2264	173600	STOPIT
2257	053820	PH80AAAA	2259	021600	SH16M03X	2259	034800	SH16M03X	2261	150200	PH00ADAA	2264	192000	IMSON
2257	053824	AHV71582	2259	021700	SH16M02X	2259	034900	SH16M02X	2261	150204	AHV71582	2264	192016	T816R01
2257	114300	STOPIT	2259	021800	SH16M03X	2259	035000	SH16M03X	2261	181400	PH80ADAA	2264	192020	PH00AAAA
2257	145300	APPON	2259	021900	SH16M02X	2259	035100	SH16M02X	2261	181404	AHV71582	2264	192024	AHV71582
2257	145316	M133301	2259	022000	SH16M03X	2259	035200	SH16M03X	2261	184000	PH00ADAA	2264	212000	STOPIT
2257	145416	SSN8V01X	2259	022100	SH16M02X	2259	035300	SH16M02X	2261	184004	AHV71582	2264	232900	IMSON
2257	145420	PH80AAAA	2259	022200	SH16M03X	2259	035400	SH16M03X	2261	191000	PH80ADAA	2264	232916	SH16M01
2257	145424	AHV71582	2259	022300	SH16M02X	2259	035500	SH16M02X	2261	191004	AHV71582	2264	232920	PH00ADAA
2257	185000	PH00AAAA	2259	022400	SH16M03X	2259	035600	SH16M03X	2261	213700	STOPIT	2264	232924	AHV71582
2257	185004	AHV71582	2259	022500	SH16M02X	2259	035700	SH16M02X	2262	003000	APPON	2265	041700	STOPIT
2257	192000	PH80AAAA	2259	022600	SH16M03X	2259	035800	SH16M03X	2262	003016	M133301	2265	061700	APPON
2257	192004	AHV71582	2259	022700	SH16M02X	2259	035900	SH16M02X	2262	003116	SSN8V01X	2265	061	

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2265 180504	AHV71582	2266 234400	SH16M02X	2267 011600	SH16M02X	2269 113000	APPON	2272 220300	APPON
2265 185900	PH80AAAA	2266 234500	SH16M03X	2267 011700	SH16M03X	2269 113016	SH16M01	2272 220316	T816R01
2265 185904	AHV71582	2266 234600	SH16M02X	2267 011800	SH16M02X	2269 113020	PH00ADAA	2272 220320	PH00AAAA
2265 205100	STOPI T	2266 234700	SH16M03X	2267 011900	SH16M03X	2269 113024	AHV71582	2272 220324	AHV71582
2265 234300	APPON	2266 234800	SH16M02X	2267 012000	SH16M02X	2269 115800	PH80ADAA	2272 221200	PH80AAAA
2265 234316	M133301	2266 234900	SH16M03X	2267 012100	SH16M03X	2269 115804	AHV71582	2272 221204	AHV71582
2265 234416	SSN8V01X	2266 235000	SH16M02X	2267 012200	SH16M02X	2269 182100	STOPI T	2273 021200	PH00AAAA
2265 234420	PH80AAAA	2266 235100	SH16M03X	2267 012300	SH16M03X	2269 194000	IMSON	2273 021204	AHV71582
2265 234424	AHV71582	2266 235200	SH16M02X	2267 012400	SH16M02X	2269 194016	T816R01	2273 035900	STOPI T
2266 012400	PH00AAAA	2266 235300	SH16M03X	2267 012500	SH16M03X	2269 194020	PH00AAAA	2273 052900	APPON
2266 012404	AHV71582	2266 235400	SH16M02X	2267 012600	SH16M02X	2269 194024	AHV71582	2273 052916	T816R01
2266 015700	PH80AAAA	2266 235500	SH16M03X	2267 012700	SH16M03X	2269 214000	STOPI T	2273 052920	PH80AAAA
2266 015704	AHV71582	2266 235600	SH16M02X	2267 012800	SH16M02X	2269 234000	APPON	2273 052924	AHV71582
2266 063000	STOPI T	2266 235700	SH16M03X	2267 012900	SH16M03X	2269 234016	M133301	2273 092000	STOPI T
2266 073000	APPON	2266 235800	SH16M02X	2267 013000	SH16M03X	2269 234116	SSN8V01X	2273 104500	APPON
2266 073016	M133301	2266 235900	SH16M03X	2267 013200	SH16M03X	2269 234120	PH80AAAA	2273 104516	M133301
2266 073116	SSN8V01X	2267 000000	SH16M02X	2267 013300	STOPI T	2269 234124	AHV71582	2273 104616	SSN8V01X
2266 073120	PH80AAAA	2267 000100	SH16M03X	2267 013500	IMSON	2270 011300	PH00AAAA	2273 104620	PH80AAAA
2266 073124	AHV71582	2267 000200	SH16M02X	2267 013516	T816R01	2270 011304	AHV71582	2273 104624	AHV71582
2266 081300	PH00AAAA	2267 000300	SH16M03X	2267 013520	PH00AAAA	2270 014700	PH80AAAA	2273 111800	PH00AAAA
2266 081304	AHV71582	2267 000400	SH16M02X	2267 013524	AHV71582	2270 014704	AHV71582	2273 111804	AHV71582
2266 084000	STOPI T	2267 000500	SH16M03X	2267 035400	STOPI T	2270 052900	STOPI T	2273 114800	PH00AAAA
2266 104000	IMSON	2267 000600	SH16M02X	2267 035500	IMSON	2270 065500	IMSON	2273 114804	AHV71582
2266 104016	SH16M01	2267 000700	SH16M03X	2267 035516	HI04N01	2270 065516	T816R01	2273 120000	STOPI T
2266 104020	PH00ADAA	2267 000800	SH16M02X	2267 035600	HI04N01X	2270 065520	PH00AAAA	2273 140000	IMSON
2266 104024	AHV71582	2267 000900	SH16M03X	2267 035700	HI04N03X	2270 065524	AHV71582	2273 140016	T816R01
2266 173100	STOPI T	2267 001000	SH16M02X	2267 035800	HI04N04X	2270 073000	STOPI T	2273 140020	PH00AAAA
2266 191500	IMSON	2267 001100	SH16M03X	2267 035900	HI04N01X	2270 085100	IMSON	2273 140024	AHV71582
2266 191516	T816R01	2267 001200	SH16M02X	2267 040000	HI04N03X	2270 085116	CS04L01	2273 205100	STOPI T
2266 191520	PH00AAAA	2267 001300	SH16M03X	2267 040100	HI04N04X	2270 085120	AHV71582	2273 232600	IMSON
2266 191524	AHV71582	2267 001400	SH16M02X	2267 040200	HI04N01X	2270 154200	STOPI T	2273 232616	T816R01
2266 211500	STOPI T	2267 001500	SH16M03X	2267 040300	HI04N03X	2270 174200	APPON	2273 232620	PH00AAAA
2266 224500	APPON	2267 001600	SH16M02X	2267 040400	HI04N04X	2270 174216	M133301	2273 232624	AHV71582
2266 224516	SH16M01	2267 001700	SH16M03X	2267 040500	HI04N01X	2270 174316	SSN8V01X	2274 001300	STOPI T
2266 224600	SH16M02X	2267 001800	SH16M02X	2267 040600	HI04N03X	2270 174320	PH80AAAA	2274 011700	APPON
2266 224700	SH16M03X	2267 001900	SH16M03X	2267 040700	HI04N04X	2270 174324	AHV71582	2274 011716	SH16M01
2266 224800	SH16M02X	2267 002000	SH16M02X	2267 040800	HI04N01X	2270 200800	STOPI T	2274 011720	PH00ADAA
2266 224900	SH16M03X	2267 002100	SH16M03X	2267 040900	HI04N03X	2270 220800	APPON	2274 011724	AHV71582
2266 225000	SH16M02X	2267 002200	SH16M02X	2267 041000	HI04N04X	2270 220816	T816R01	2274 013600	PH80ADAA
2266 225100	SH16M03X	2267 002300	SH16M03X	2267 041100	STOPI T	2270 220820	PH00AAAA	2274 013604	AHV71582
2266 225200	SH16M02X	2267 002400	SH16M02X	2267 061100	APPON	2270 220824	AHV71582	2274 052900	PH00ADAA
2266 225300	SH16M03X	2267 002500	SH16M03X	2267 061116	T816R01	2270 221700	PH80AAAA	2274 052904	AHV71582
2266 225400	SH16M02X	2267 002600	SH16M02X	2267 061120	PH80AAAA	2270 221704	AHV71582	2274 063000	STOPI T
2266 225500	SH16M03X	2267 002700	SH16M03X	2267 061124	AHV71582	2271 021700	PH00AAAA	2274 073500	IMSON
2266 225600	SH16M02X	2267 002800	SH16M02X	2267 093100	STOPI T	2271 021704	AHV71582	2274 073516	T816R01
2266 225700	SH16M03X	2267 002900	SH16M03X	2267 111100	IMSON	2271 040400	STOPI T	2274 073520	PH00AAAA
2266 225800	SH16M02X	2267 003000	SH16M02X	2267 111116	M204001	2271 053400	APPON	2274 073524	AHV71582
2266 225900	SH16M03X	2267 003100	SH16M03X	2267 111120	AHV71582	2271 053416	T816R01	2274 075300	STOPI T
2266 230000	SH16M02X	2267 003200	SH16M02X	2267 132000	STOPI T	2271 053420	PH80AAAA	2274 102600	IMSON
2266 230100	SH16M03X	2267 003300	SH16M03X	2267 144400	IMSON	2271 053424	AHV71582	2274 102616	T816R01
2266 230200	SH16M02X	2267 003400	SH16M02X	2267 144416	M204001	2271 092500	STOPI T	2274 102620	PH00AAAA
2266 230300	SH16M03X	2267 003500	SH16M03X	2267 144420	AHV71582	2271 105000	APPON	2274 102624	AHV71582
2266 230400	SH16M02X	2267 003600	SH16M02X	2267 213500	STOPI T	2271 105016	M133301	2274 171700	STOPI T
2266 230500	SH16M03X	2267 003700	SH16M03X	2267 233500	IMSON	2271 105116	SSN8V01X	2274 191700	IMSON
2266 230600	SH16M02X	2267 003800	SH16M02X	2267 233516	T816R01	2271 105120	PH80AAAA	2274 191716	T816R01
2266 230700	SH16M03X	2267 003900	SH16M03X	2267 233520	PH00AAAA	2271 105124	AHV71582	2274 191720	PH00AAAA
2266 230800	SH16M02X	2267 004000	SH16M02X	2267 233524	AHV71582	2271 112300	PH00AAAA	2274 191724	AHV71582
2266 230900	SH16M03X	2267 004100	SH16M03X	2268 003500	STOPI T	2271 112304	AHV71582	2274 231500	STOPI T
2266 231000	SH16M02X	2267 004200	SH16M02X	2268 014800	APPON	2271 115300	PH80AAAA	2274 231400	APPON
2266 231100	SH16M03X	2267 004300	SH16M03X	2268 014816	T816R01	2271 115304	AHV71582	2274 231416	M133301
2266 231200	SH16M02X	2267 004400	SH16M02X	2268 014820	PH80AAAA	2271 120500	STOPI T	2274 231516	SSN8V01X
2266 231300	SH16M03X	2267 004500	SH16M03X	2268 014824	AHV71582	2271 140500	IMSON	2274 231520	PH80AAAA
2266 231400	SH16M02X	2267 004600	SH16M02X	2268 064000	STOPI T	2271 140516	T816R01	2274 231524	AHV71582
2266 231500	SH16M03X	2267 004700	SH16M03X	2268 074000	APPON	2271 140520	PH00AAAA	2275 042500	PH00AAAA
2266 231600	SH16M02X	2267 004800	SH16M02X	2268 074016	M133301	2271 140524	AHV71582	2275 042504	AHV71582
2266 231700	SH16M03X	2267 004900	SH16M03X	2268 074116	SSN8V01X	2271 205600	STOPI T	2275 045000	STOPI T
2266 231800	SH16M02X	2267 005000	SH16M02X	2268 074120	APPON	2271 233500	APPON	2275 065000	APPON
2266 231900	SH16M03X	2267 005100	SH16M03X	2268 074124	AHV71582	2271 233516	M133301	2275 065016	M133301
2266 232000	SH16M02X	2267 005200	SH16M02X	2268 080600	PH80AAAA	2271 233616	SSN8V01X	2275 065116	SSN8V01X
2266 232100	SH16M03X	2267 005300	SH16M03X	2268 080604	AHV71582	2271 233620	PH80AAAA	2275 065120	PH80AAAA
2266 232200	SH16M02X	2267 005400	SH16M02X	2268 083800	PH80AAAA	2271 233624	AHV71582	2275 065124	AHV71582
2266 232300	SH16M03X	2267 005500	SH16M03X	2268 083804	AHV71582	2272 010800	PH00AAAA	2275 111200	PH00AAAA
2266 232400	SH16M02X	2267 005600	SH16M02X	2268 101600	STOPI T	2272 010804	AHV71582	2275 111204	AHV71582
2266 232500	SH16M03X	2267 005700	SH16M03X	2268 121600	IMSON	2272 014200	PH80AAAA	2275 122000	STOPI T
2266 232600	SH16M02X	2267 005800	SH16M02X	2268 121616	T816R01	2272 014204	AHV71582	2275 142000	APPON
2266 232700	SH16M03X	2267 005900	SH16M03X	2268 121620	PH00AAAA	2272 052400	STOPI T	2275 142016	T816R01
2266 232800	SH16M02X	2267 010000	SH16M02X	2268 121624	AHV71582	2272 065000	IMSON	2275 142020	PH80AAAA
2266 232900	SH16M03X	2267 010100	SH16M03X	2268 190700	STOPI T	2272 065016	T816R01	2275 142024	AHV71582
2266 233000	SH16M02X	2267 010200	SH16M02X	2268 223800	IMSON	2272 065020	PH00AAAA	2275 180200	PH00AAAA
2266 233100	SH16M03X	2267 010300	SH16M03X	2268 223816	SH16M01	2272 065024	AHV71582	2275 180204	AHV71582
2266 233200	SH16M02X	2267 010400	SH16M02X	2268 223820	PH00ADAA	2272 072500	STOPI T	2275 183500	PH80AAAA
2266 233300	SH16M03X	2267 010500	SH16M03X	2268 223824	AHV71582	2272 084600	APPON	2275 183504	AHV71582
2266 233400	SH16M02X	2267 010600	SH16M02X	2269 030000	STOPI T	2272 084616	CS04L01	2275 231100	STOPI T
2266 233500	SH16M03X	2267 010700	SH16M03X	2269 040000	APPON	2272 084716	SSN8V01X	2275 232100	IMSON
2266 233600	SH16M02X	2267 010800	SH16M02X	2269 040016	T816R01	2272 084720	AHV71582	2275 232116	T816R01
2266 233700	SH16M03X	2267 010900	SH16M03X	2269 040020	PH80AAAA	2272 153700	STOPI T	2275 232120	PH00AAAA
2266 233800	SH16M02X	2267 011000	SH16M02X	2269 040024	AHV71582	2272 173700	APPON	2275 232124	AHV71582
2266 233900	SH16M03X	2267 011100	SH16M03X	2269 044100	PH00AAAA	2272 173716	M133301	2276 000800	STOPI T
2266 234000	SH16M02X	2267 011200	SH16M02X	2269 044104	AHV71582	2272 173816	SSN8V01X	2276 011200	APPON
2266 234100	SH16M03X	2267							

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2276	013100	PH80ADAA	2278	172700	SH16M03X	2278	185900	SH16M03X	2280	002200	STOPI T	2282	220116	SH16M01
2276	013104	AHV71582	2278	172800	SH16M02X	2278	190000	SH16M02X	2280	012000	APPON	2282	220120	PH80ADAA
2276	052400	PH00ADAA	2278	172900	SH16M03X	2278	190100	SH16M03X	2280	012016	T816R01	2282	220124	AHV71582
2276	052404	AHV71582	2278	173000	SH16M02X	2278	190200	SH16M02X	2280	012020	PH80AAAA	2282	230700	STOPI T
2276	062500	STOPI T	2278	173100	SH16M03X	2278	190300	SH16M03X	2280	012024	AHV71582	2282	233300	APPON
2276	073000	IMSON	2278	173200	SH16M02X	2278	190400	SH16M02X	2280	045800	STOPI T	2282	233316	T816R01
2276	073016	T816R01	2278	173300	SH16M03X	2278	190500	SH16M03X	2280	061700	APPON	2282	233320	PH80AAAA
2276	073020	PH00AAAA	2278	173400	SH16M02X	2278	190600	SH16M02X	2280	061716	T816R01	2282	233324	AHV71582
2276	073024	AHV71582	2278	173500	SH16M03X	2278	190700	SH16M03X	2280	061720	PH80AAAA	2283	040300	PH00AAAA
2276	074800	STOPI T	2278	173600	SH16M02X	2278	190800	SH16M02X	2280	061724	AHV71582	2283	040304	AHV71582
2276	102100	IMSON	2278	173700	SH16M03X	2278	190900	SH16M03X	2280	070500	STOPI T	2283	040800	STOPI T
2276	102116	SH16M01	2278	173800	SH16M02X	2278	191000	SH16M02X	2280	090500	APPON	2283	044700	IMSON
2276	102120	PH00ADAA	2278	173900	SH16M03X	2278	191100	SH16M03X	2280	090516	T816R01	2283	044716	T816R01
2276	102124	AHV71582	2278	174000	SH16M02X	2278	191200	SH16M02X	2280	090520	PH80AAAA	2283	044720	PH00AAAA
2276	171200	STOPI T	2278	174100	SH16M03X	2278	191300	SH16M03X	2280	090524	AHV71582	2283	044724	AHV71582
2276	191200	IMSON	2278	174200	SH16M02X	2278	191400	SH16M02X	2280	142400	PH00AAAA	2283	084200	STOPI T
2276	191216	T816R01	2278	174300	SH16M03X	2278	191500	SH16M03X	2280	142404	AHV71582	2283	101200	APPON
2276	191220	PH00AAAA	2278	174400	SH16M02X	2278	191600	SH16M02X	2280	145400	PH80AAAA	2283	101216	M133301
2276	191224	AHV71582	2278	174500	SH16M03X	2278	191700	SH16M03X	2280	145404	AHV71582	2283	101316	SSN8V01X
2276	213000	STOPI T	2278	174600	SH16M02X	2278	191800	SH16M02X	2280	155600	STOPI T	2283	101320	PH80AAAA
2276	230900	APPON	2278	174700	SH16M03X	2278	191900	SH16M03X	2280	170000	IMSON	2283	101324	AHV71582
2276	230916	M133301	2278	174800	SH16M02X	2278	192000	SH16M02X	2280	170016	SH16M01	2283	105100	PH00AAAA
2276	231016	SSN8V01X	2278	174900	SH16M03X	2278	192100	SH16M03X	2280	170020	PH00ADAA	2283	105104	AHV71582
2276	231020	PH80AAAA	2278	175000	SH16M02X	2278	192200	SH16M02X	2280	170024	AHV71582	2283	112200	PH80AAAA
2276	231024	AHV71582	2278	175100	SH16M03X	2278	192300	SH16M03X	2280	194800	STOPI T	2283	112204	AHV71582
2276	042000	PH00AAAA	2278	175200	SH16M02X	2278	192400	SH16M02X	2280	212400	IMSON	2283	115500	STOPI T
2276	042004	AHV71582	2278	175300	SH16M03X	2278	192500	SH16M03X	2280	212416	SH16M01	2283	132500	APPON
2276	044500	STOPI T	2278	175400	SH16M02X	2278	192600	SH16M02X	2280	212420	PH00ADAA	2283	132516	T816R01
2276	064500	APPON	2278	175500	SH16M03X	2278	192700	SH16M03X	2280	212424	AHV71582	2283	132520	PH80AAAA
2276	064516	M133301	2278	175600	SH16M02X	2278	192800	SH16M02X	2280	213800	STOPI T	2283	132524	AHV71582
2276	064616	SSN8V01X	2278	175700	SH16M03X	2278	192900	SH16M03X	2280	233800	APPON	2283	174200	PH00AAAA
2276	064620	PH80AAAA	2278	175800	SH16M02X	2278	193000	SH16M02X	2280	233816	T816R01	2283	174204	AHV71582
2276	064624	AHV71582	2278	175900	SH16M03X	2278	193100	SH16M03X	2280	233820	PH80AAAA	2283	181500	PH80AAAA
2276	110700	PH00AAAA	2278	180000	SH16M02X	2278	193200	SH16M02X	2280	233824	AHV71582	2283	181504	AHV71582
2276	110704	AHV71582	2278	180100	SH16M03X	2278	193300	SH16M03X	2281	040800	PH00AAAA	2283	201600	STOPI T
2276	121500	STOPI T	2278	180200	SH16M02X	2278	193400	SH16M02X	2281	040804	AHV71582	2283	223500	APPON
2276	141500	APPON	2278	180300	SH16M03X	2278	193500	SH16M03X	2281	041300	STOPI T	2283	223516	M133301
2276	141516	T816R01	2278	180400	SH16M02X	2278	193600	SH16M02X	2281	045200	IMSON	2283	223616	SSN8V01X
2276	141520	PH80AAAA	2278	180500	SH16M03X	2278	193700	SH16M03X	2281	045216	T816R01	2283	223620	PH80AAAA
2276	141524	AHV71582	2278	180600	SH16M02X	2278	193800	SH16M02X	2281	045220	PH00AAAA	2283	223624	AHV71582
2276	175700	PH00AAAA	2278	180700	SH16M03X	2278	193900	SH16M03X	2281	045224	AHV71582	2284	003500	PH00AAAA
2276	175704	AHV71582	2278	180800	SH16M02X	2278	194000	SH16M02X	2281	084700	STOPI T	2284	003504	AHV71582
2276	183000	PH80AAAA	2278	180900	SH16M03X	2278	194100	SH16M03X	2281	101700	APPON	2284	011200	PH80AAAA
2276	183004	AHV71582	2278	181000	SH16M02X	2278	194200	SH16M02X	2281	101716	M133301	2284	011204	AHV71582
2276	210600	STOPI T	2278	181100	SH16M03X	2278	194300	SH16M03X	2281	101816	SSN8V01X	2284	043800	STOPI T
2276	231100	APPON	2278	181200	SH16M02X	2278	194400	SH16M02X	2281	101820	PH80AAAA	2284	064000	APPON
2276	231116	SH16M01	2278	181300	SH16M03X	2278	194500	SH16M03X	2281	101824	AHV71582	2284	064016	M133301
2276	231120	PH80ADAA	2278	181400	SH16M02X	2278	194600	SH16M02X	2281	105600	PH00AAAA	2284	064116	SSN8V01X
2276	231124	AHV71582	2278	181500	SH16M03X	2278	194700	SH16M03X	2281	105604	AHV71582	2284	064120	PH80AAAA
2276	002800	STOPI T	2278	181600	SH16M02X	2278	194800	SH16M02X	2281	112700	PH80AAAA	2284	064124	AHV71582
2276	012500	APPON	2278	181700	SH16M03X	2278	194900	SH16M03X	2281	112704	AHV71582	2284	072400	PH00AAAA
2276	012516	T816R01	2278	181800	SH16M02X	2278	195000	SH16M02X	2281	120000	STOPI T	2284	072404	AHV71582
2276	012520	PH80AAAA	2278	181900	SH16M03X	2278	195100	SH16M03X	2281	133000	APPON	2284	080000	PH80AAAA
2276	012524	AHV71582	2278	182000	SH16M02X	2278	195200	STOPI T	2281	133016	T816R01	2284	080004	AHV71582
2276	050300	STOPI T	2278	182100	SH16M03X	2278	212900	IMSON	2281	133020	PH80AAAA	2284	081500	STOPI T
2276	062200	APPON	2278	182200	SH16M02X	2278	212916	SH16M01	2281	133024	AHV71582	2284	101500	IMSON
2276	062216	T816R01	2278	182300	SH16M03X	2278	212920	PH00ADAA	2281	174700	PH00AAAA	2284	101516	T816R01
2276	062220	PH80AAAA	2278	182400	SH16M02X	2278	212924	AHV71582	2281	174704	AHV71582	2284	101520	PH00AAAA
2276	062224	AHV71582	2278	182500	SH16M03X	2278	214300	STOPI T	2281	182000	PH80AAAA	2284	101524	AHV71582
2276	071000	STOPI T	2278	182600	SH16M02X	2278	230800	APPON	2281	182004	AHV71582	2284	170600	STOPI T
2276	091000	APPON	2278	182700	SH16M03X	2278	230816	SH16M01	2281	202100	STOPI T	2284	180600	APPON
2276	091016	T816R01	2278	182800	SH16M02X	2278	230820	PH80ADAA	2281	224000	APPON	2284	180616	SH16M01
2276	091020	PH80AAAA	2278	182900	SH16M03X	2278	230824	AHV71582	2281	224016	M133301	2284	180620	PH80ADAA
2276	091024	AHV71582	2278	183000	SH16M02X	2278	034400	STOPI T	2281	224116	SSN8V01X	2284	180624	AHV71582
2276	142900	PH00AAAA	2278	183100	SH16M03X	2278	050400	APPON	2281	224120	PH80AAAA	2284	206000	STOPI T
2276	142904	AHV71582	2278	183200	SH16M02X	2278	050416	T816R01	2281	224124	AHV71582	2284	215600	APPON
2276	145900	PH80AAAA	2278	183300	SH16M03X	2278	050420	PH80AAAA	2282	004000	PH00AAAA	2284	215616	SH16M01
2276	145904	AHV71582	2278	183400	SH16M02X	2278	050424	AHV71582	2282	004004	AHV71582	2284	215620	PH80ADAA
2276	160100	STOPI T	2278	183500	SH16M03X	2278	090000	STOPI T	2282	011700	PH80AAAA	2284	215624	AHV71582
2276	170500	APPON	2278	183600	SH16M02X	2278	104100	APPON	2282	011704	AHV71582	2284	235300	STOPI T
2276	170516	SH16M01	2278	183700	SH16M03X	2278	104116	M133301	2282	044300	STOPI T	2285	013000	APPON
2276	170600	SH16M02X	2278	183800	SH16M02X	2278	104216	SSN8V01X	2282	064500	APPON	2285	013016	SH16M01
2276	170700	SH16M03X	2278	183900	SH16M03X	2278	104220	PH80AAAA	2282	064516	M133301	2285	013020	PH80ADAA
2276	170800	SH16M02X	2278	184000	SH16M02X	2278	104224	AHV71582	2282	064616	SSN8V01X	2285	013024	AHV71582
2276	170900	SH16M03X	2278	184100	SH16M03X	2278	105800	PH00AAAA	2282	064620	PH80AAAA	2285	040100	STOPI T
2276	171000	SH16M02X	2278	184200	SH16M02X	2278	105804	AHV71582	2282	064624	AHV71582	2285	060000	APPON
2276	171100	SH16M03X	2278	184300	SH16M03X	2278	113200	PH80AAAA	2282	072900	PH00AAAA	2285	060016	T816R01
2276	171200	SH16M02X	2278	184400	SH16M02X	2278	113204	AHV71582	2282	072904	AHV71582	2285	060020	PH80AAAA
2276	171300</													

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2286	004700	APPON	2287	135900	T816Q02X	2287	153100	T816Q02X	2287	170400	T816Q02X	2287	183600	T816Q02X
2286	004716	T816R01	2287	140000	T816Q03X	2287	153200	T816Q04X	2287	170500	T816Q05X	2287	183700	T816Q03X
2286	004720	PH00AAAA	2287	140100	T816Q02X	2287	153300	T816Q02X	2287	170600	T816Q02X	2287	183800	T816Q02X
2286	004724	AHV71582	2287	140200	T816Q04X	2287	153400	T816Q05X	2287	170700	T816Q03X	2287	183900	T816Q04X
2286	010800	PH80AAAA	2287	140300	T816Q02X	2287	153500	T816Q02X	2287	170800	T816Q02X	2287	184000	T816Q02X
2286	010801	AHV71582	2287	140400	T816Q05X	2287	153600	T816Q03X	2287	170900	T816Q04X	2287	184100	T816Q05X
2286	034700	STOPT	2287	140500	T816Q02X	2287	153700	T816Q02X	2287	171000	T816Q02X	2287	184200	T816Q02X
2286	054700	IMSON	2287	140600	T816Q03X	2287	153800	T816Q04X	2287	171100	T816Q05X	2287	184300	T816Q03X
2286	054716	CMMSL01	2287	140700	T816Q02X	2287	153900	T816Q02X	2287	171200	T816Q02X	2287	184400	T816Q02X
2286	054720	AHV71582	2287	140800	T816Q04X	2287	154000	T816Q05X	2287	171300	T816Q03X	2287	184500	T816Q04X
2286	123800	STOPT	2287	140900	T816Q02X	2287	154100	T816Q02X	2287	171400	T816Q02X	2287	184600	T816Q02X
2286	134000	APPON	2287	141000	T816Q05X	2287	154200	T816Q03X	2287	171500	T816Q04X	2287	184700	T816Q05X
2286	134016	M133301	2287	141100	T816Q02X	2287	154300	T816Q02X	2287	171600	T816Q02X	2287	184800	T816Q02X
2286	134116	SSN8V01X	2287	141200	T816Q03X	2287	154400	T816Q04X	2287	171700	T816Q05X	2287	184900	T816Q03X
2286	134120	PH80AAAA	2287	141300	T816Q02X	2287	154500	T816Q02X	2287	171800	T816Q02X	2287	185000	T816Q02X
2286	134124	AHV71582	2287	141400	T816Q04X	2287	154600	T816Q05X	2287	171900	T816Q03X	2287	185100	T816Q04X
2286	140800	PH00AAAA	2287	141500	T816Q02X	2287	154700	T816Q02X	2287	172000	T816Q02X	2287	185200	T816Q02X
2286	140804	AHV71582	2287	141600	T816Q05X	2287	154800	T816Q03X	2287	172100	T816Q04X	2287	185300	T816Q05X
2286	144000	STOPT	2287	141700	T816Q02X	2287	154900	T816Q02X	2287	172200	T816Q02X	2287	185400	T816Q02X
2286	164000	APPON	2287	141800	T816Q03X	2287	155100	T816Q04X	2287	172300	T816Q05X	2287	185500	T816Q03X
2286	164016	CMMSL01	2287	141900	T816Q02X	2287	155200	T816Q02X	2287	172400	T816Q02X	2287	185600	T816Q02X
2286	164116	SSN8V01X	2287	142000	T816Q04X	2287	155300	T816Q05X	2287	172500	T816Q03X	2287	185700	T816Q04X
2286	164120	AHV71582	2287	142100	T816Q02X	2287	155400	T816Q02X	2287	172600	T816Q02X	2287	185800	T816Q02X
2286	233100	STOPT	2287	142200	T816Q05X	2287	155500	T816Q03X	2287	172700	T816Q04X	2287	185900	T816Q05X
2287	012500	APPON	2287	142300	T816Q02X	2287	155600	T816Q02X	2287	172800	T816Q02X	2287	190000	T816Q02X
2287	012516	SH16M01	2287	142400	T816Q03X	2287	155700	T816Q04X	2287	172900	T816Q05X	2287	190100	T816Q03X
2287	012520	PH80ADAA	2287	142500	T816Q02X	2287	155800	T816Q02X	2287	173000	T816Q02X	2287	190200	T816Q02X
2287	012524	AHV71582	2287	142600	T816Q04X	2287	155900	T816Q05X	2287	173100	T816Q03X	2287	190300	T816Q04X
2287	035600	STOPT	2287	142700	T816Q02X	2287	160000	T816Q02X	2287	173200	T816Q02X	2287	190400	T816Q02X
2287	055500	APPON	2287	142800	T816Q05X	2287	160100	T816Q03X	2287	173300	T816Q04X	2287	190500	T816Q05X
2287	055516	T816R01	2287	142900	T816Q02X	2287	160200	T816Q02X	2287	173400	T816Q02X	2287	190600	T816Q02X
2287	055520	PH80AAAA	2287	143000	T816Q03X	2287	160300	T816Q04X	2287	173500	T816Q05X	2287	190700	T816Q03X
2287	055524	AHV71582	2287	143100	T816Q02X	2287	160400	T816Q02X	2287	173600	T816Q02X	2287	190800	T816Q02X
2287	103900	PH00AAAA	2287	143200	T816Q04X	2287	160500	T816Q05X	2287	173700	T816Q03X	2287	190900	T816Q04X
2287	103904	AHV71582	2287	143300	T816Q02X	2287	160600	T816Q02X	2287	173800	T816Q02X	2287	191000	T816Q02X
2287	110500	STOPT	2287	143400	T816Q05X	2287	160700	T816Q03X	2287	173900	T816Q04X	2287	191100	T816Q05X
2287	130400	APPON	2287	143500	T816Q02X	2287	160800	T816Q02X	2287	174000	T816Q02X	2287	191200	T816Q02X
2287	130416	T816Q02	2287	143600	T816Q03X	2287	160900	T816Q04X	2287	174100	T816Q05X	2287	191300	T816Q03X
2287	130500	T816Q02X	2287	143700	T816Q02X	2287	161000	T816Q02X	2287	174200	T816Q02X	2287	191400	T816Q02X
2287	130600	T816Q03X	2287	143800	T816Q04X	2287	161100	T816Q05X	2287	174300	T816Q03X	2287	191500	T816Q04X
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2287	131000	T816Q05X	2287	144200	T816Q03X	2287	161500	T816Q04X	2287	174700	T816Q05X	2287	191900	T816Q03X
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2287	131300	T816Q02X	2287	144500	T816Q02X	2287	161800	T816Q02X	2287	175000	T816Q02X	2287	192200	T816Q02X
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2287	131500	T816Q02X	2287	144700	T816Q02X	2287	162000	T816Q02X	2287	175200	T816Q02X	2287	192400	T816Q02X
2287	131600	T816Q05X	2287	144800	T816Q03X	2287	162100	T816Q04X	2287	175300	T816Q05X	2287	192500	T816Q03X
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2287	131800	T816Q03X	2287	145000	T816Q04X	2287	162300	T816Q05X	2287	175500	T816Q03X	2287	192700	T816Q04X
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2287	132700	T816Q02X	2287	145900	T816Q02X	2287	163200	T816Q02X	2287	180400	T816Q02X	2287	193600	T816Q02X
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2287	132900	T816Q02X	2287	150100	T816Q02X	2287	163400	T816Q02X	2287	180600	T816Q02X	2287	193800	T816Q02X
2287	133000	T816Q03X	2287	150200	T816Q04X	2287	163500	T816Q05X	2287	180700	T816Q03X	2287	193900	T816Q04X
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2287	133200	T816Q04X	2287	150400	T816Q05X	2287	163700	T816Q03X	2287	180900	T816Q04X	2287	194100	T816Q05X
2287	133300	T816Q02X	2287	150500	T816Q02X	2287	163800	T816Q02X	2287	181000	T816Q02X	2287	194200	T816Q02X
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2287	133800	T816Q04X	2287	151000	T816Q05X	2287	164300	T816Q03X	2287	181500	T816Q04X	2287	194700	T816Q05X
2287	133900	T816Q02X	2287	151100	T816Q02X	2287	164400	T816Q02X	2287	181600	T816Q02X	2287	194800	T816Q02X
2287	134000	T816Q05X	2287	151200	T816Q03X	2287	164500	T816Q04X	2287	181700	T816Q05X	2287	194900	T816Q03X
2287	134100	T816Q02X	2287	151300	T816Q02X	2287	164600	T816Q02X	2287	181800	T816Q02X	2287	195000	T816Q02X
2287	134200	T816Q03X</												

DE 1/RIMS 1982 Instrument Modes

2288 011900 SH16M03X	2288 025100 SH16M03X	2288 060100 APPON	2292 073800 PH80AAAA	2296 002024 AHV71582
2288 012000 SH16M02X	2288 025200 SH16M02X	2288 060116 T816R01	2292 073804 AHV71582	2296 034000 STOPI T
2288 012100 SH16M03X	2288 025300 SH16M03X	2288 060120 PH80AAAA	2292 084000 STOPI T	2296 050000 APPON
2288 012200 SH16M02X	2288 025400 SH16M02X	2288 060124 AHV71582	2292 104000 APPON	2296 050016 M133301
2288 012300 SH16M03X	2288 025500 SH16M03X	2288 071400 PH00AAAA	2292 104016 M133301	2296 050116 SSN8V01X
2288 012400 SH16M02X	2288 025600 SH16M02X	2288 071404 AHV71582	2292 104116 SSN8V01X	2296 050120 PH80AAAA
2288 012500 SH16M03X	2288 025700 SH16M03X	2288 074800 STOPI T	2292 104120 PH80AAAA	2296 050124 AHV71582
2288 012600 SH16M02X	2288 025800 SH16M02X	2288 100000 APPON	2292 104124 AHV71582	2296 065300 PH00AAAA
2288 012700 SH16M03X	2288 025900 SH16M03X	2288 100016 INSTR10	2292 135200 PH00AAAA	2296 065304 AHV71582
2288 012800 SH16M02X	2288 030000 SH16M02X	2288 100020 AHV71582	2292 135204 AHV71582	2296 072900 PH80AAAA
2288 012900 SH16M03X	2288 030100 SH16M03X	2288 140800 PH00ADDT	2292 142300 PH80AAAA	2296 072904 AHV71582
2288 013000 SH16M02X	2288 030200 SH16M02X	2288 140804 AHV71582	2292 142304 AHV71582	2296 100000 STOPI T
2288 013100 SH16M03X	2288 030300 SH16M03X	2288 170800 STOPI T	2292 174000 STOPI T	2296 120000 APPON
2288 013200 SH16M02X	2288 030400 SH16M02X	2288 190800 IMSON	2292 194000 IMSON	2296 120016 SH16M01
2288 013300 SH16M03X	2288 030500 SH16M03X	2288 190816 T816R01	2292 194016 SH16M01	2296 120020 PH80ADAA
2288 013400 SH16M02X	2288 030600 SH16M02X	2288 190820 PH00AAAA	2292 194020 PH00ADAA	2296 120024 AHV71582
2288 013500 SH16M03X	2288 030700 SH16M03X	2288 190824 AHV71582	2292 194024 AHV71582	2296 134200 PH00ADAA
2288 013600 SH16M02X	2288 030800 SH16M02X	2288 013500 STOPI T	2293 014500 STOPI T	2296 134204 AHV71582
2288 013700 SH16M03X	2288 030900 SH16M03X	2288 033300 APPON	2293 035300 APPON	2296 141400 PH80ADAA
2288 013800 SH16M02X	2288 031000 SH16M02X	2288 033316 T816R01	2293 035316 T816R01	2296 141404 AHV71582
2288 013900 SH16M03X	2288 031100 SH16M03X	2288 033320 PH80AAAA	2293 035320 PH00AAAA	2296 190000 STOPI T
2288 014000 SH16M02X	2288 031200 SH16M02X	2288 033324 AHV71582	2293 035324 AHV71582	2296 204400 APPON
2288 014100 SH16M03X	2288 031300 SH16M03X	2288 034700 PH00AAAA	2293 041400 PH80AAAA	2296 204416 T816R01
2288 014200 SH16M02X	2288 031400 SH16M02X	2288 034704 AHV71582	2293 041404 AHV71582	2296 204420 PH00AAAA
2288 014300 SH16M03X	2288 031500 SH16M03X	2288 042300 PH80AAAA	2293 094600 STOPI T	2296 204424 AHV71582
2288 014400 SH16M02X	2288 031600 SH16M02X	2288 042304 AHV71582	2293 111600 APPON	2296 211100 PH80AAAA
2288 014500 SH16M03X	2288 031700 SH16M03X	2288 054000 STOPI T	2293 111616 T816R01	2296 211104 AHV71582
2288 014600 SH16M02X	2288 031800 SH16M02X	2288 071000 IMSON	2293 111620 PH80AAAA	2297 013000 STOPI T
2288 014700 SH16M03X	2288 031900 SH16M03X	2288 071016 T816R01	2293 111624 AHV71582	2297 022500 IMSON
2288 014800 SH16M02X	2288 032000 SH16M02X	2288 071020 PH00AAAA	2293 171600 PH00AAAA	2297 022516 T816R01
2288 014900 SH16M03X	2288 032100 SH16M03X	2288 071024 AHV71582	2293 171604 AHV71582	2297 022520 PH00AAAA
2288 015000 SH16M02X	2288 032200 SH16M02X	2288 114000 STOPI T	2293 175000 PH80AAAA	2297 022524 AHV71582
2288 015100 SH16M03X	2288 032300 SH16M03X	2288 135300 APPON	2293 175004 AHV71582	2297 032500 STOPI T
2288 015200 SH16M02X	2288 032400 SH16M02X	2288 135316 T816R01	2293 181600 STOPI T	2297 043500 APPON
2288 015300 SH16M03X	2288 032500 SH16M03X	2288 135320 PH80AAAA	2293 191600 APPON	2297 043516 T816R01
2288 015400 SH16M02X	2288 032600 SH16M02X	2288 135324 AHV71582	2293 191616 SH16M01	2297 043520 PH80ADAA
2288 015500 SH16M03X	2288 032700 SH16M03X	2288 165800 STOPI T	2293 191620 PH80ADAA	2297 043524 AHV71582
2288 015600 SH16M02X	2288 032800 SH16M02X	2288 184800 APPON	2293 191624 AHV71582	2297 101200 STOPI T
2288 015700 SH16M03X	2288 032900 SH16M03X	2288 184816 SH16M01	2293 232700 STOPI T	2297 121200 APPON
2288 015800 SH16M02X	2288 033000 SH16M02X	2288 184820 PH00ADAA	2294 013500 APPON	2297 121216 T816R01
2288 015900 SH16M03X	2288 033100 SH16M03X	2288 184824 AHV71582	2294 013516 T816R01	2297 121220 PH80ADAA
2288 020000 SH16M02X	2288 033200 SH16M02X	2288 001000 STOPI T	2294 013520 PH80AAAA	2297 121224 AHV71582
2288 020100 SH16M03X	2288 033300 SH16M03X	2288 010800 APPON	2294 013524 AHV71582	2297 170500 PH00AAAA
2288 020200 SH16M02X	2288 033400 SH16M02X	2288 010816 T816R01	2294 044700 PH00AAAA	2297 170504 AHV71582
2288 020300 SH16M03X	2288 033500 SH16M03X	2288 010820 PH80AAAA	2294 044704 AHV71582	2297 173000 STOPI T
2288 020400 SH16M02X	2288 033600 SH16M02X	2288 010824 AHV71582	2294 064400 PH80AAAA	2297 183500 APPON
2288 020500 SH16M03X	2288 033700 SH16M03X	2288 070900 PH00AAAA	2294 064404 AHV71582	2297 183516 T816R01
2288 020600 SH16M02X	2288 033800 SH16M02X	2288 070904 AHV71582	2294 065900 PH00AAAA	2297 183520 PH80ADAA
2288 020700 SH16M03X	2288 033900 SH16M03X	2288 074300 STOPI T	2294 065904 AHV71582	2297 183524 AHV71582
2288 020800 SH16M02X	2288 034000 SH16M02X	2288 095500 IMSON	2294 065908 PH80AAAA	2297 231000 STOPI T
2288 020900 SH16M03X	2288 034100 SH16M03X	2288 095516 M204001	2294 073304 AHV71582	2298 001500 IMSON
2288 021000 SH16M02X	2288 034200 SH16M02X	2288 095520 AHV71582	2294 083500 STOPI T	2298 001516 T816R01
2288 021100 SH16M03X	2288 034300 SH16M03X	2288 170300 STOPI T	2294 103500 APPON	2298 001520 PH00ADAA
2288 021200 SH16M02X	2288 034400 SH16M02X	2288 190300 IMSON	2294 103516 M133301	2298 001524 AHV71582
2288 021300 SH16M03X	2288 034500 SH16M03X	2288 190316 T816R01	2294 103616 SSN8V01X	2298 033500 STOPI T
2288 021400 SH16M02X	2288 034600 SH16M02X	2288 190320 PH00AAAA	2294 103620 PH80AAAA	2298 045500 APPON
2288 021500 SH16M03X	2288 034700 SH16M03X	2288 190324 AHV71582	2294 103624 AHV71582	2298 045516 T816R01
2288 021600 SH16M02X	2288 034800 SH16M02X	2288 013000 STOPI T	2294 134700 PH00AAAA	2298 045520 PH80ADAA
2288 021700 SH16M03X	2288 034900 SH16M03X	2288 032816 T816R01	2294 134704 AHV71582	2298 045524 AHV71582
2288 021800 SH16M02X	2288 035000 SH16M02X	2288 032820 PH80AAAA	2294 141800 PH80AAAA	2298 064800 PH00AAAA
2288 021900 SH16M03X	2288 035100 SH16M03X	2288 032824 AHV71582	2294 141804 AHV71582	2298 064804 AHV71582
2288 022000 SH16M02X	2288 035200 SH16M02X	2288 034200 PH00AAAA	2294 173500 STOPI T	2298 072400 PH80AAAA
2288 022100 SH16M03X	2288 035300 SH16M03X	2288 034204 AHV71582	2294 193500 IMSON	2298 072404 AHV71582
2288 022200 SH16M02X	2288 035400 SH16M02X	2288 041800 PH80AAAA	2294 193516 SH16M01	2298 095500 STOPI T
2288 022300 SH16M03X	2288 035500 SH16M03X	2288 041804 AHV71582	2294 193520 PH00ADAA	2298 115500 APPON
2288 022400 SH16M02X	2288 035600 SH16M02X	2288 053500 STOPI T	2294 193524 AHV71582	2298 115516 SH16M01
2288 022500 SH16M03X	2288 035700 SH16M03X	2288 070516 T816R01	2295 014000 STOPI T	2298 115520 PH80ADAA
2288 022600 SH16M02X	2288 035800 SH16M02X	2288 070520 PH00AAAA	2295 023000 IMSON	2298 115524 AHV71582
2288 022700 SH16M03X	2288 040000 SH16M03X	2288 070524 AHV71582	2295 023016 T816R01	2298 133700 PH00ADAA
2288 022800 SH16M02X	2288 040100 STOPI T	2288 070528 PH00AAAA	2295 023020 PH00AAAA	2298 133704 AHV71582
2288 022900 SH16M03X	2288 040600 APPON	2288 070532 AHV71582	2295 023024 AHV71582	2298 140900 PH80ADAA
2288 023000 SH16M02X	2288 040616 T816R01	2288 070536 PH00AAAA	2295 033000 STOPI T	2298 140904 AHV71582
2288 023100 SH16M03X	2288 040620 PH80AAAA	2288 070540 AHV71582	2295 044000 APPON	2298 185500 STOPI T
2288 023200 SH16M02X	2288 040624 AHV71582	2288 070544 PH00AAAA	2295 044016 T816R01	2298 212000 APPON
2288 023300 SH16M03X	2288 040628 PH00AAAA	2288 070548 AHV71582	2295 044020 PH80AAAA	2298 212016 T816R01
2288 023400 SH16M02X	2288 04416 HI04N01	2288 070552 PH00AAAA	2295 044024 AHV71582	2298 212020 PH80AAAA
2288 023500 SH16M03X	2288 044500 HI04N01X	2288 070556 PH00AAAA	2295 101700 STOPI T	2298 212024 AHV71582
2288 023600 SH16M02X	2288 044600 HI04N03X	2288 070560 PH00AAAA	2295 121700 APPON	2298 032300 PH00AAAA
2288 023700 SH16M03X	2288 044700 HI04N04X	2288 070564 PH00AAAA	2295 121716 T816R01	2298 032304 AHV71582
2288 023800 SH16M02X	2288 044800 HI04N01X	2288 070568 PH00AAAA	2295 121720 PH80AAAA	2298 035300 STOPI T
2288 023900 SH16M03X	2288 044900 HI04N03X	2288 070572 PH00AAAA	2295 121724 AHV71582	2298 060000 IMSON
2288 024000 SH16M02X	2288 045000 HI04N04X	2288 070576 PH00AAAA	2295 171000 PH00AAAA	2298 060016 T816R01
2288 024100 SH16M03X	2288 045100 HI04N01X	2288 070580 PH00AAAA	2295 171004 AHV71582	2298 060020 PH00AAAA
2288 024200 SH16M02X	2288 045200 HI04N03X	2288 070584 PH00AAAA	2295 173500 STOPI T	2298 060024 AHV71582
2288 024300 SH16M03X	2288 045300 HI04N04X	2288 070588 PH00AAAA	2295 184000 APPON	2298 093000 STOPI T
2288 024400 SH16M02X	2288 045400 HI04N01X	2288 070592 PH00AAAA	2295 184016 T816R01	2298 110000 APPON
2288 024500 SH16M03X	2288 045500 HI04N03X	2288 070596 PH00AAAA	2295 184020 PH80ADAA	2298 110016 T816R01
2288 024600 SH16M02X	2288 045600 HI04N04X	2288 070600 PH00AAAA	2295 184024 AHV71582	2298 110020 PH80AAAA
2288 024700 SH16M03X	2288 045700 HI04N01X	2288 070604 PH00AAAA	2295 231500 STOPI T	2298 110024 AHV71582
2288 024800 SH16M02X	2288 045800 HI04N03X	2288 070608 PH00AAAA	2296 002000 IMSON	2298 164300 STOPI T
2288 024900 SH16M03X	2288 045900 HI04N04X	2288 070612 PH00AAAA	2296 002016 T816R01	2298 164400 APPON
2288 025000 SH16M02X	2288 060000 STOPI T	2288 070616 PH00AAAA	2296 002020 PH00AAAA	2298 164416 M133301

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2299	164516	SSN8V01X	2302	083516	M133301	2302	172700	SH16M03X	2303	013016	T816R01	2304	015500	T816Q02X
2299	164520	PH80AAAA	2302	083616	SSN8V01X	2302	172800	SH16M02X	2303	013020	PH80AAAA	2304	015600	T816Q03X
2299	164524	AHV71582	2302	083620	PH80AAAA	2302	172900	SH16M03X	2303	013024	AHV71582	2304	015700	T816Q02X
2299	165600	PH00AAAA	2302	083624	AHV71582	2302	173000	SH16M02X	2303	020000	STOPIT	2304	015800	T816Q04X
2299	165604	AHV71582	2302	132600	PH00AAAA	2302	173100	SH16M03X	2303	030300	APPON	2304	015900	T816Q02X
2299	173000	STOPIT	2302	132604	AHV71582	2302	173200	SH16M02X	2303	030316	T816R01	2304	020000	T816Q05X
2299	183000	APPON	2302	135900	PH80AAAA	2302	173300	SH16M03X	2303	030320	PH00AAAA	2304	020100	T816Q02X
2299	183016	SH16M01	2302	135904	AHV71582	2302	173400	SH16M02X	2303	030324	AHV71582	2304	020200	T816Q03X
2299	183020	PH80ADAA	2302	153500	STOPIT	2302	173500	SH16M03X	2303	035000	PH80AAAA	2304	020300	T816Q02X
2299	183024	AHV71582	2302	160500	APPON	2302	173600	SH16M02X	2303	035004	AHV71582	2304	020400	T816Q04X
2299	233000	STOPIT	2302	160516	SH16M01	2302	173700	SH16M03X	2303	043200	STOPIT	2304	020500	T816Q02X
2300	013000	APPON	2302	160600	SH16M02X	2302	173800	SH16M02X	2303	063200	APPON	2304	020600	T816Q05X
2300	013016	T816R01	2302	160700	SH16M03X	2302	173900	SH16M03X	2303	063216	T816R01	2304	020700	T816Q02X
2300	013020	PH80AAAA	2302	160800	SH16M02X	2302	174000	SH16M02X	2303	063220	PH80AAAA	2304	020800	T816Q03X
2300	013024	AHV71582	2302	160900	SH16M03X	2302	174100	SH16M03X	2303	063224	AHV71582	2304	020900	T816Q02X
2300	043500	PH00AAAA	2302	161000	SH16M02X	2302	174200	SH16M02X	2303	083400	STOPIT	2304	021000	T816Q04X
2300	043504	AHV71582	2302	161100	SH16M03X	2302	174300	SH16M03X	2303	101400	APPON	2304	021100	T816Q02X
2300	062900	PH80AAAA	2302	161200	SH16M02X	2302	174400	SH16M02X	2303	101416	T816R01	2304	021200	T816Q05X
2300	062904	AHV71582	2302	161300	SH16M03X	2302	174500	SH16M03X	2303	101420	PH00AAAA	2304	021300	T816Q02X
2300	064400	PH00AAAA	2302	161400	SH16M02X	2302	174600	SH16M02X	2303	101424	AHV71582	2304	021400	T816Q03X
2300	064404	AHV71582	2302	161500	SH16M03X	2302	174700	SH16M03X	2303	103200	PH80AAAA	2304	021500	T816Q02X
2300	072300	PH80AAAA	2302	161600	SH16M02X	2302	174800	SH16M02X	2303	103204	AHV71582	2304	021600	T816Q04X
2300	072304	AHV71582	2302	161700	SH16M03X	2302	174900	SH16M03X	2303	162000	STOPIT	2304	021700	T816Q02X
2300	083000	STOPIT	2302	161800	SH16M02X	2302	175000	SH16M02X	2303	182000	APPON	2304	021800	T816Q05X
2300	103000	APPON	2302	161900	SH16M03X	2302	175100	SH16M03X	2303	182016	SH16M01	2304	021900	T816Q02X
2300	103016	SH16M01	2302	162000	SH16M02X	2302	175200	SH16M02X	2303	182020	PH80ADAA	2304	022000	T816Q03X
2300	103020	PH80ADAA	2302	162100	SH16M03X	2302	175300	SH16M03X	2303	182024	AHV71582	2304	022100	T816Q02X
2300	103024	AHV71582	2302	162200	SH16M02X	2302	175400	SH16M02X	2303	213000	STOPIT	2304	022200	T816Q04X
2300	104600	PH00ADAA	2302	162300	SH16M03X	2302	175500	SH16M03X	2303	224000	APPON	2304	022300	T816Q02X
2300	104604	AHV71582	2302	162400	SH16M02X	2302	175600	SH16M02X	2303	224016	M133301	2304	022400	T816Q05X
2300	131200	PH80ADAA	2302	162500	SH16M03X	2302	175700	SH16M03X	2303	224116	SSN8V01X	2304	022500	T816Q02X
2300	131204	AHV71582	2302	162600	SH16M02X	2302	175800	SH16M02X	2303	224120	PH80AAAA	2304	022600	T816Q03X
2300	133200	PH00ADAA	2302	162700	SH16M03X	2302	175900	SH16M03X	2303	224124	AHV71582	2304	022700	T816Q02X
2300	133204	AHV71582	2302	162800	SH16M02X	2302	180000	SH16M02X	2303	234700	PH00AAAA	2304	022800	T816Q04X
2300	140500	PH80ADAA	2302	162900	SH16M03X	2302	180100	SH16M03X	2303	234704	AHV71582	2304	022900	T816Q02X
2300	140504	AHV71582	2302	163000	SH16M02X	2302	180200	SH16M02X	2304	001700	STOPIT	2304	023000	T816Q05X
2300	173000	STOPIT	2302	163100	SH16M03X	2302	180300	SH16M03X	2304	010000	APPON	2304	023100	T816Q02X
2300	194500	APPON	2302	163200	SH16M02X	2302	180400	SH16M02X	2304	010016	T816Q02	2304	023200	T816Q03X
2300	194516	M133301	2302	163300	SH16M03X	2302	180500	SH16M03X	2304	010100	T816Q02X	2304	023300	T816Q02X
2300	194616	SSN8V01X	2302	163400	SH16M02X	2302	180600	SH16M02X	2304	010200	T816Q03X	2304	023400	T816Q04X
2300	194620	PH80AAAA	2302	163500	SH16M03X	2302	180700	SH16M03X	2304	010300	T816Q02X	2304	023500	T816Q02X
2300	194624	AHV71582	2302	163600	SH16M02X	2302	180800	SH16M02X	2304	010400	T816Q04X	2304	023600	T816Q05X
2300	202500	PH00AAAA	2302	163700	SH16M03X	2302	180900	SH16M03X	2304	010500	T816Q02X	2304	023700	T816Q02X
2300	202504	AHV71582	2302	163800	SH16M02X	2302	181000	SH16M02X	2304	010600	T816Q05X	2304	023800	T816Q03X
2300	210200	PH80AAAA	2302	163900	SH16M03X	2302	181100	SH16M03X	2304	010700	T816Q02X	2304	023900	T816Q02X
2300	210204	AHV71582	2302	164000	SH16M02X	2302	181200	SH16M02X	2304	010800	T816Q03X	2304	024000	T816Q04X
2301	003200	STOPIT	2302	164100	SH16M03X	2302	181300	SH16M03X	2304	010900	T816Q02X	2304	024100	T816Q02X
2301	023200	APPON	2302	164200	SH16M02X	2302	181400	SH16M02X	2304	011000	T816Q04X	2304	024200	T816Q05X
2301	023216	T816R01	2302	164300	SH16M03X	2302	181500	SH16M03X	2304	011100	T816Q02X	2304	024300	T816Q02X
2301	023220	PH80AAAA	2302	164400	SH16M02X	2302	181600	SH16M02X	2304	011200	T816Q05X	2304	024400	T816Q03X
2301	023224	AHV71582	2302	164500	SH16M03X	2302	181700	SH16M03X	2304	011300	T816Q02X	2304	024500	T816Q02X
2301	031700	PH00AAAA	2302	164600	SH16M02X	2302	181800	SH16M02X	2304	011400	T816Q03X	2304	024600	T816Q04X
2301	031704	AHV71582	2302	164700	SH16M03X	2302	181900	SH16M03X	2304	011500	T816Q02X	2304	024700	T816Q02X
2301	040300	STOPIT	2302	164800	SH16M02X	2302	182000	SH16M02X	2304	011600	T816Q04X	2304	024800	T816Q05X
2301	055500	IMSON	2302	164900	SH16M03X	2302	182100	SH16M03X	2304	011700	T816Q02X	2304	024900	T816Q02X
2301	055516	T816R01	2302	165000	SH16M02X	2302	182200	SH16M02X	2304	011800	T816Q05X	2304	025000	T816Q03X
2301	055520	PH00AAAA	2302	165100	SH16M03X	2302	182300	SH16M03X	2304	011900	T816Q02X	2304	025100	T816Q02X
2301	055524	AHV71582	2302	165200	SH16M02X	2302	182400	SH16M02X	2304	012000	T816Q03X	2304	025200	T816Q04X
2301	092500	STOPIT	2302	165300	SH16M03X	2302	182500	SH16M03X	2304	012100	T816Q02X	2304	025300	T816Q02X
2301	055500	IMSON	2302	165400	SH16M02X	2302	182600	SH16M02X	2304	012200	T816Q04X	2304	025400	T816Q05X
2301	055516	T816R01	2302	165500	SH16M03X	2302	182700	SH16M03X	2304	012300	T816Q02X	2304	025500	T816Q02X
2301	055520	PH00AAAA	2302	165600	SH16M02X	2302	182800	SH16M02X	2304	012400	T816Q05X	2304	025600	T816Q03X
2301	055524	AHV71582	2302	165700	SH16M03X	2302	182900	SH16M03X	2304	012500	T816Q02X	2304	025700	T816Q02X
2301	092500	STOPIT	2302	165800	SH16M02X	2302	183000	SH16M02X	2304	012600	T816Q03X	2304	025800	T816Q04X
2301	105500	APPON	2302	165900	SH16M03X	2302	183100	SH16M03X	2304	012700	T816Q02X	2304	025900	T816Q02X
2301	105516	T816R01	2302	170000	SH16M02X	2302	183200	SH16M02X	2304	012800	T816Q04X	2304	030000	T816Q05X
2301	105520	PH80AAAA	2302	170100	SH16M03X	2302	183300	SH16M03X	2304	012900	T816Q02X	2304	030100	T816Q02X
2301	105524	AHV71582	2302	170200	SH16M02X	2302	183400	SH16M02X	2304	013000	T816Q05X	2304	030200	T816Q03X
2301	164200	STOPIT	2302	170300	SH16M03X	2302	183500	SH16M03X	2304	013100	T816Q02X	2304	030300	T816Q02X
2301	164300	APPON	2302	170400	SH16M02X	2302	183600	SH16M02X	2304	013200	T816Q03X	2304	030400	T816Q04X
2301	164316	M133301	2302	170500	SH16M03X	2302	183700	SH16M03X	2304	013300	T816Q02X	2304	030500	T816Q02X
2301	164416	SSN8V01X	2302	170600	SH16M02X	2302	183800	SH16M02X	2304	013400	T816Q04X	2304	030600	T816Q05X
2301	164420	PH80AAAA	2302	170700	SH16M03X	2302	183900	SH16M03X	2304	013500	T816Q02X	2304	030700	T816Q02X
2301	164424	AHV71582	2302	170800	SH16M02X	2302	184000	SH16M02X	2304	013600	T816Q05X	2304	030800	T816Q03X
2301	165100	PH00AAAA	2302	170900	SH16M03X	2302	184100	SH16M03X	2304	013700	T816Q02X	2304	030900	T816Q02X
2301	165104	AHV71582	2302	171000	SH16M02X	2302	184200	SH16M02X	2304	013800	T816Q03X	2304	031000	T816Q04X
2301	172500	STOPIT	2302	171100	SH16M03X	2302	184							

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2304	032700	T816Q02X	2304	050000	T816Q02X	2304	063200	T816Q02X	2304	193020	PH00AAAA	2308	025616	SSN8V01X
2304	032800	T816Q04X	2304	050100	T816Q05X	2304	063300	T816Q03X	2304	193024	AHV71582	2308	025620	AHV71582
2304	032900	T816Q02X	2304	050200	T816Q02X	2304	063400	T816Q02X	2304	205600	PH80AAAA	2308	095500	STOPTIT
2304	033000	T816Q05X	2304	050300	T816Q03X	2304	063500	T816Q04X	2304	205604	AHV71582	2308	105500	APPON
2304	033100	T816Q02X	2304	050400	T816Q02X	2304	063600	T816Q02X	2305	002100	STOPTIT	2308	105510	PH80AAAA
2304	033200	T816Q03X	2304	050500	T816Q04X	2304	063700	T816Q05X	2305	013000	APPON	2308	105516	T816R01
2304	033300	T816Q02X	2304	050600	T816Q02X	2304	063800	T816Q02X	2305	013016	T816R01	2308	105524	AHV71582
2304	033400	T816Q04X	2304	050700	T816Q05X	2304	063900	T816Q03X	2305	013020	PH80AAAA	2308	131100	PH00AAAA
2304	033500	T816Q02X	2304	050800	T816Q02X	2304	064000	T816Q02X	2305	013024	AHV71582	2308	131104	AHV71582
2304	033600	T816Q05X	2304	050900	T816Q03X	2304	064100	T816Q04X	2305	020000	STOPTIT	2308	134500	PH80AAAA
2304	033700	T816Q02X	2304	051000	T816Q02X	2304	064200	T816Q02X	2305	033800	IMSON	2308	134504	AHV71582
2304	033800	T816Q03X	2304	051100	T816Q04X	2304	064300	T816Q05X	2305	033816	T816R01	2308	175500	STOPTIT
2304	033900	T816Q02X	2304	051200	T816Q02X	2304	064400	T816Q02X	2305	033820	PH00AAAA	2308	201400	IMSON
2304	034000	T816Q04X	2304	051300	T816Q05X	2304	064500	T816Q03X	2305	033824	AHV71582	2308	201416	SH16M01
2304	034100	T816Q02X	2304	051400	T816Q02X	2304	064600	T816Q02X	2305	080000	STOPTIT	2308	201420	PH00ADAA
2304	034200	T816Q05X	2304	051500	T816Q03X	2304	064700	T816Q04X	2305	093000	APPON	2308	201424	AHV71582
2304	034300	T816Q02X	2304	051600	T816Q02X	2304	064800	T816Q02X	2305	093016	M133301	2309	002000	STOPTIT
2304	034400	T816Q03X	2304	051700	T816Q04X	2304	064900	T816Q05X	2305	093116	SSN8V01X	2309	013000	APPON
2304	034500	T816Q02X	2304	051800	T816Q02X	2304	065000	T816Q02X	2305	093120	PH80AAAA	2309	013016	M133301
2304	034700	T816Q04X	2304	051900	T816Q05X	2304	065100	T816Q03X	2305	093124	AHV71582	2309	013116	SSN8V01X
2304	034800	T816Q02X	2304	052000	T816Q02X	2304	065200	T816Q02X	2305	095300	PH00AAAA	2309	013120	PH80AAAA
2304	034900	T816Q05X	2304	052100	T816Q03X	2304	065300	T816Q04X	2305	095304	AHV71582	2309	013124	AHV71582
2304	035000	T816Q02X	2304	052200	T816Q02X	2304	065400	T816Q02X	2305	102600	PH80AAAA	2309	025600	PH00AAAA
2304	035100	T816Q03X	2304	052300	T816Q04X	2304	065500	T816Q05X	2305	102604	AHV71582	2309	025604	AHV71582
2304	035200	T816Q02X	2304	052400	T816Q02X	2304	065600	T816Q02X	2305	121500	STOPTIT	2309	033500	PH80AAAA
2304	035300	T816Q04X	2304	052500	T816Q05X	2304	065700	T816Q03X	2305	133400	APPON	2309	033504	AHV71582
2304	035400	T816Q02X	2304	052600	T816Q02X	2304	065800	T816Q02X	2305	133416	SH16M01	2309	043000	STOPTIT
2304	035500	T816Q05X	2304	052700	T816Q03X	2304	065900	T816Q04X	2305	133420	PH80ADAA	2309	053000	APPON
2304	035600	T816Q02X	2304	052800	T816Q02X	2304	070000	T816Q02X	2305	133424	AHV71582	2309	053016	T816R01
2304	035700	T816Q03X	2304	052900	T816Q04X	2304	070100	T816Q05X	2305	163800	STOPTIT	2309	053024	PH80AAAA
2304	035800	T816Q02X	2304	053000	T816Q02X	2304	070200	T816Q02X	2305	182500	APPON	2309	053028	AHV71582
2304	035900	T816Q04X	2304	053100	T816Q05X	2304	070300	T816Q03X	2305	182516	T816R01	2309	072200	PH00AAAA
2304	040000	T816Q02X	2304	053200	T816Q02X	2304	070400	T816Q02X	2305	182520	PH80AAAA	2309	072204	AHV71582
2304	040100	T816Q05X	2304	053300	T816Q03X	2304	070500	T816Q04X	2305	234000	PH00AAAA	2309	092800	PH80AAAA
2304	040200	T816Q02X	2304	053400	T816Q02X	2304	070600	T816Q02X	2305	234004	AHV71582	2309	092804	AHV71582
2304	040300	T816Q03X	2304	053500	T816Q04X	2304	070700	T816Q05X	2306	001700	PH80AAAA	2309	094400	PH00AAAA
2304	040400	T816Q02X	2304	053600	T816Q02X	2304	070800	T816Q02X	2306	001704	AHV71582	2309	094404	AHV71582
2304	040500	T816Q04X	2304	053700	T816Q05X	2304	070900	T816Q03X	2306	012500	STOPTIT	2309	101700	PH80AAAA
2304	040600	T816Q02X	2304	053800	T816Q02X	2304	071000	T816Q02X	2306	030000	IMSON	2309	101704	AHV71582
2304	040700	T816Q05X	2304	053900	T816Q03X	2304	071100	T816Q04X	2306	030016	CS04L01	2309	123000	STOPTIT
2304	040800	T816Q02X	2304	054000	T816Q02X	2304	071200	T816Q02X	2306	030020	AHV71582	2309	123800	APPON
2304	040900	T816Q03X	2304	054100	T816Q04X	2304	071300	T816Q05X	2306	100000	STOPTIT	2309	123816	T816R01
2304	041000	T816Q02X	2304	054200	T816Q02X	2304	071400	T816Q02X	2306	110000	APPON	2309	123820	PH80AAAA
2304	041100	T816Q04X	2304	054300	T816Q05X	2304	071500	T816Q03X	2306	110016	M133301	2309	123824	AHV71582
2304	041200	T816Q02X	2304	054400	T816Q02X	2304	071600	T816Q02X	2306	110116	SSN8V01X	2309	162700	STOPTIT
2304	041300	T816Q05X	2304	054500	T816Q03X	2304	071700	T816Q04X	2306	110120	PH80AAAA	2309	181700	IMSON
2304	041400	T816Q02X	2304	054600	T816Q02X	2304	071800	T816Q02X	2306	110124	AHV71582	2309	181716	T816R01
2304	041500	T816Q03X	2304	054700	T816Q04X	2304	071900	T816Q05X	2306	131600	PH00AAAA	2309	181720	PH00AAAA
2304	041600	T816Q02X	2304	054800	T816Q02X	2304	072000	T816Q02X	2306	131604	AHV71582	2309	181724	AHV71582
2304	041700	T816Q04X	2304	054900	T816Q05X	2304	072100	T816Q03X	2306	135000	PH80AAAA	2310	012600	STOPTIT
2304	041800	T816Q02X	2304	055000	T816Q02X	2304	072200	T816Q02X	2306	135004	AHV71582	2310	032600	APPON
2304	041900	T816Q05X	2304	055100	T816Q03X	2304	072300	T816Q04X	2306	180000	STOPTIT	2310	032616	T816R01
2304	042000	T816Q02X	2304	055200	T816Q02X	2304	072400	T816Q02X	2306	201900	IMSON	2310	032620	PH80AAAA
2304	042100	T816Q03X	2304	055300	T816Q04X	2304	072500	T816Q05X	2306	201916	SH16M01	2310	032624	AHV71582
2304	042200	T816Q02X	2304	055400	T816Q02X	2304	072600	T816Q02X	2306	201920	PH00ADAA	2310	061700	PH00AAAA
2304	042300	T816Q04X	2304	055500	T816Q05X	2304	072700	T816Q03X	2306	201924	AHV71582	2310	061704	AHV71582
2304	042400	T816Q02X	2304	055600	T816Q02X	2304	072800	T816Q02X	2307	002500	STOPTIT	2310	062000	STOPTIT
2304	042500	T816Q05X	2304	055700	T816Q03X	2304	072900	T816Q04X	2307	012500	APPON	2310	072000	APPON
2304	042600	T816Q02X	2304	055800	T816Q02X	2304	073000	T816Q02X	2307	012516	T816R01	2310	072016	SH16M01
2304	042700	T816Q03X	2304	055900	T816Q04X	2304	073100	T816Q05X	2307	012520	PH80AAAA	2310	072020	PH80ADAA
2304	042800	T816Q02X	2304	060000	T816Q02X	2304	073200	T816Q02X	2307	012524	AHV71582	2310	072024	AHV71582
2304	042900	T816Q04X	2304	060100	T816Q05X	2304	073300	T816Q03X	2307	015500	STOPTIT	2310	102600	PH00ADAA
2304	043000	T816Q02X	2304	060200	T816Q02X	2304	073400	T816Q02X	2307	015504	IMSON	2310	102604	AHV71582
2304	043100	T816Q05X	2304	060300	T816Q03X	2304	073500	T816Q04X	2307	033316	T816R01	2310	124700	PH80ADAA
2304	043200	T816Q02X	2304	060400	T816Q02X	2304	073600	T816Q02X	2307	033320	PH00AAAA	2310	124704	AHV71582
2304	043300	T816Q03X	2304	060500	T816Q04X	2304	073700	T816Q05X	2307	033324	AHV71582	2310	130500	PH00ADAA
2304	043400	T816Q02X	2304	060600	T816Q02X	2304	073800	T816Q02X	2307	075500	STOPTIT	2310	130504	AHV71582
2304	043500	T816Q04X	2304	060700	T816Q05X	2304	073900	T816Q03X	2307	092500	APPON	2310	133800	PH80ADAA
2304	043600	T816Q02X	2304	060800	T816Q02X	2304	074000	T816Q02X	2307	092516	M133301	2310	133804	AHV71582
2304	043700	T816Q05X	2304	060900	T816Q03X	2304	074100	T816Q04X	2307	092616	SSN8V01X	2310	142000	STOPTIT
2304	043800	T816Q02X	2304	061000	T816Q02X	2304	074200	T816Q02X	2307	092620	PH80AAAA	2310	152000	APPON
2304	043900	T816Q03X	2304	061100	T816Q04X	2304	074300	T816Q05X	2307	092624	AHV71582	2310	152016	SH16M01
2304	044000	T816Q02X	2304	061200	T816Q02X	2304	074400	T816Q02X	2307	094800	PH00AAAA	2310	152020	SH16M02X
2304	044100	T816Q04X	2304	061300	T816Q05X	2304	074500	T816Q03X	2307	094804	AHV71582	2310	152200	SH16M03X
2304	044200	T816Q02X	2304	061400	T816Q02X	2304	074600	T816Q02X	2307	102100	PH80AAAA	2310	152300	SH16M02X
2304	044300	T816Q05X	2304	061500	T816Q03X	2304	074700	T816Q04X	2307	102104	AHV71582	2310	152400	SH16M03X
2304	044400	T816Q02X	2304	061600	T816Q02X	2304	074800	T816Q02X	2307	121000	ST			

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2310 154100	SH16M02X	2310 171300	SH16M02X	2311 162200	STOPIT	2315 012524	AHV71582	2318 155616	SSN8V01X
2310 154200	SH16M03X	2310 171400	SH16M03X	2311 181200	IMSON	2315 082500	STOPIT	2318 155620	PH80AAAA
2310 154300	SH16M02X	2310 171500	SH16M02X	2311 181216	T816R01	2315 094500	IMSON	2318 155624	AHV71582
2310 154400	SH16M03X	2310 171600	SH16M03X	2311 181220	PH00AAAA	2315 094516	SH16M01	2318 193900	PH00AAAA
2310 154500	SH16M02X	2310 171700	SH16M02X	2311 181224	AHV71582	2315 094520	PH00ADAA	2318 193904	AHV71582
2310 154600	SH16M03X	2310 171800	SH16M03X	2312 012100	STOPIT	2315 094524	AHV71582	2318 201800	PH80AAAA
2310 154700	SH16M02X	2310 171900	SH16M02X	2312 032100	APPON	2315 140300	STOPIT	2318 201804	AHV71582
2310 154800	SH16M03X	2310 172000	SH16M03X	2312 032116	T816R01	2315 160300	IMSON	2318 203200	STOPIT
2310 154900	SH16M02X	2310 172100	SH16M02X	2312 032120	PH80AAAA	2315 160316	T816R01	2318 213200	APPON
2310 155000	SH16M03X	2310 172200	SH16M03X	2312 032124	AHV71582	2315 160320	PH00AAAA	2318 213216	SH16M01
2310 155100	SH16M02X	2310 172300	SH16M02X	2312 061200	PH00AAAA	2315 160324	AHV71582	2318 213220	PH80ADAA
2310 155200	SH16M03X	2310 172400	SH16M03X	2312 061204	AHV71582	2315 230300	STOPIT	2318 213224	AHV71582
2310 155300	SH16M02X	2310 172500	SH16M02X	2312 061500	STOPIT	2316 003300	APPON	2319 001700	STOPIT
2310 155400	SH16M03X	2310 172600	SH16M03X	2312 071500	APPON	2316 003316	T816R01	2319 011700	IMSON
2310 155500	SH16M02X	2310 172700	SH16M02X	2312 071516	SH16M01	2316 003320	PH80AAAA	2319 011716	M204001
2310 155600	SH16M03X	2310 172800	SH16M03X	2312 071520	PH80ADAA	2316 003324	AHV71582	2319 011720	AHV71582
2310 155700	SH16M02X	2310 172900	SH16M02X	2312 071524	AHV71582	2316 060200	PH00AAAA	2319 050300	STOPIT
2310 155800	SH16M03X	2310 173000	SH16M03X	2312 102100	PH00ADAA	2316 060204	AHV71582	2319 055700	IMSON
2310 155900	SH16M02X	2310 173100	SH16M02X	2312 102104	AHV71582	2316 063800	PH80AAAA	2319 055716	CMMSL01
2310 160000	SH16M03X	2310 173200	SH16M03X	2312 124200	PH80ADAA	2316 063804	AHV71582	2319 055720	AHV71582
2310 160100	SH16M02X	2310 173300	SH16M02X	2312 124204	AHV71582	2316 073300	STOPIT	2319 125700	STOPIT
2310 160200	SH16M03X	2310 173400	SH16M03X	2312 130000	PH00ADAA	2316 093300	APPON	2319 143300	APPON
2310 160300	SH16M02X	2310 173500	SH16M02X	2312 130004	AHV71582	2316 093316	M133301	2319 143316	M133301
2310 160400	SH16M03X	2310 173600	SH16M03X	2312 133300	PH80ADAA	2316 093416	SSN8V01X	2319 143416	SSN8V01X
2310 160500	SH16M02X	2310 173700	SH16M02X	2312 133304	AHV71582	2316 093420	PH80AAAA	2319 143420	PH80AAAA
2310 160600	SH16M03X	2310 173800	SH16M03X	2312 141500	STOPIT	2316 093424	AHV71582	2319 143424	AHV71582
2310 160700	SH16M02X	2310 173900	SH16M02X	2312 151500	APPON	2316 125000	PH00AAAA	2319 160900	PH00AAAA
2310 160800	SH16M03X	2310 174000	SH16M03X	2312 151516	SH16M01	2316 125004	AHV71582	2319 160904	AHV71582
2310 160900	SH16M02X	2310 174100	SH16M02X	2312 151520	PH80ADAA	2316 132300	PH80AAAA	2319 164800	PH80AAAA
2310 161000	SH16M03X	2310 174200	SH16M03X	2312 151524	AHV71582	2316 132304	AHV71582	2319 164804	AHV71582
2310 161100	SH16M02X	2310 174300	SH16M02X	2312 180300	STOPIT	2316 141500	STOPIT	2319 203800	STOPIT
2310 161200	SH16M03X	2310 174400	SH16M03X	2312 191500	APPON	2316 160000	APPON	2319 205500	IMSON
2310 161300	SH16M02X	2310 174500	SH16M02X	2312 191516	M133301	2316 160016	M133301	2319 205516	T816R01
2310 161400	SH16M03X	2310 174600	SH16M03X	2312 191616	SSN8V01X	2316 160116	SSN8V01X	2319 205520	PH00AAAA
2310 161500	SH16M02X	2310 174700	SH16M02X	2312 191620	PH80AAAA	2316 160120	PH80AAAA	2319 205524	AHV71582
2310 161600	SH16M03X	2310 174800	SH16M03X	2312 191624	AHV71582	2316 160124	AHV71582	2319 225500	STOPIT
2310 161700	SH16M02X	2310 174900	SH16M02X	2312 195700	PH00ADAA	2316 194400	PH00AAAA	2320 003000	IMSON
2310 161800	SH16M03X	2310 175000	SH16M03X	2312 195704	AHV71582	2316 194404	AHV71582	2320 003016	T816R01
2310 161900	SH16M02X	2310 175100	SH16M02X	2312 203300	PH80AAAA	2316 202300	PH80AAAA	2320 003020	PH00AAAA
2310 162000	SH16M03X	2310 175200	SH16M03X	2312 203304	AHV71582	2316 202304	AHV71582	2320 003024	AHV71582
2310 162100	SH16M02X	2310 175300	SH16M02X	2313 002400	STOPIT	2316 203700	STOPIT	2320 073000	STOPIT
2310 162200	SH16M03X	2310 175400	SH16M03X	2313 013000	IMSON	2316 213700	APPON	2320 090000	IMSON
2310 162300	SH16M02X	2310 175500	SH16M02X	2313 013016	T816R01	2316 213716	SH16M01	2320 090016	SH16M01
2310 162400	SH16M03X	2310 175600	SH16M03X	2313 013020	PH00ADAA	2316 213720	PH80ADAA	2320 090020	PH00ADAA
2310 162500	SH16M02X	2310 175700	SH16M02X	2313 013024	AHV71582	2316 213724	AHV71582	2320 090024	AHV71582
2310 162600	SH16M03X	2310 175800	SH16M03X	2313 083000	STOPIT	2317 002200	STOPIT	2320 133000	STOPIT
2310 162700	SH16M02X	2310 175900	SH16M02X	2313 095000	IMSON	2317 012200	IMSON	2320 150000	IMSON
2310 162800	SH16M03X	2310 180000	SH16M03X	2313 095016	SH16M01	2317 012216	M204001	2320 150016	T816R01
2310 162900	SH16M02X	2310 180100	SH16M02X	2313 095020	PH00ADAA	2317 012220	AHV71582	2320 150020	PH00AAAA
2310 163000	SH16M03X	2310 180200	SH16M03X	2313 095024	AHV71582	2317 050800	STOPIT	2320 150024	AHV71582
2310 163100	SH16M02X	2310 180300	SH16M02X	2313 140800	STOPIT	2317 060200	IMSON	2320 220000	STOPIT
2310 163200	SH16M03X	2310 180400	SH16M03X	2313 160800	IMSON	2317 060216	INSTRI01	2320 233000	APPON
2310 163300	SH16M02X	2310 180500	SH16M02X	2313 160816	T816R01	2317 060220	AHV71582	2320 233016	T816R01
2310 163400	SH16M03X	2310 180700	SH16M03X	2313 160820	PH00AAAA	2317 092600	PH00ADDT	2320 233020	PH80AAAA
2310 163500	SH16M02X	2310 180800	STOPIT	2313 160824	AHV71582	2317 092604	AHV71582	2320 233024	AHV71582
2310 163600	SH16M03X	2310 192000	APPON	2313 230800	STOPIT	2317 130200	STOPIT	2321 003800	PH00AAAA
2310 163700	SH16M02X	2310 192016	M133301	2314 010800	APPON	2317 143800	APPON	2321 003804	AHV71582
2310 163800	SH16M03X	2310 192116	SSN8V01X	2314 010816	T816R01	2317 143816	M133301	2321 021300	PH80AAAA
2310 163900	SH16M02X	2310 192120	PH80AAAA	2314 010820	PH80AAAA	2317 143916	SSN8V01X	2321 021304	AHV71582
2310 164000	SH16M03X	2310 192124	AHV71582	2314 010824	AHV71582	2317 143920	PH80AAAA	2321 022600	PH00AAAA
2310 164100	SH16M02X	2310 200200	PH00AAAA	2314 060800	PH00AAAA	2317 143924	AHV71582	2321 022604	AHV71582
2310 164200	SH16M03X	2310 200204	AHV71582	2314 060804	AHV71582	2317 161400	PH00AAAA	2321 030500	PH80AAAA
2310 164300	SH16M02X	2310 203800	PH80AAAA	2314 064400	PH80AAAA	2317 161404	AHV71582	2321 030504	AHV71582
2310 164400	SH16M03X	2310 203804	AHV71582	2314 064404	AHV71582	2317 165300	PH80AAAA	2321 063000	STOPIT
2310 164500	SH16M02X	2311 002900	STOPIT	2314 080800	STOPIT	2317 165304	AHV71582	2321 080000	IMSON
2310 164600	SH16M03X	2311 012500	APPON	2314 090800	APPON	2317 204300	STOPIT	2321 080016	HI04N01
2310 164700	SH16M02X	2311 012516	M133301	2314 090816	SH16M01	2317 210000	IMSON	2321 080100	HI04N01X
2310 164800	SH16M03X	2311 012616	SSN8V01X	2314 090820	PH80ADAA	2317 210016	T816R01	2321 080200	HI04N03X
2310 164900	SH16M02X	2311 012620	PH80AAAA	2314 090824	AHV71582	2317 210020	PH00AAAA	2321 080300	HI04N04X
2310 165000	SH16M03X	2311 012624	AHV71582	2314 112800	STOPIT	2317 210024	AHV71582	2321 080400	HI04N01X
2310 165100	SH16M02X	2311 025100	PH00AAAA	2314 122800	APPON	2317 230000	STOPIT	2321 080500	HI04N03X
2310 165200	SH16M03X	2311 025104	AHV71582	2314 122816	M133301	2318 002800	APPON	2321 080600	HI04N04X
2310 165300	SH16M02X	2311 033000	PH80AAAA	2314 122916	SSN8V01X	2318 002816	T816R01	2321 080700	HI04N01X
2310 165400	SH16M03X	2311 033004	AHV71582	2314 122920	PH80AAAA	2318 002820	PH80AAAA	2321 080800	HI04N03X
2310 165500	SH16M02X	2311 042500	STOPIT	2314 122924	AHV71582	2318 002824	AHV71582	2321 080900	HI04N04X
2310 165600	SH16M03X	2311 052500	APPON	2314 125600	PH00AAAA	2318 055700	PH00AAAA	2321 081000	HI04N01X
2310 165700	SH16M02X	2311 052516	T816R01	2314 125604	AHV71582	2318 055704	AHV71582	2321 081100	HI04N03X
2310 165800	SH16M03X	2311 052520	PH80AAAA	2314 132900	PH80AAAA	2318 063300	PH80AAAA	2321 081200	HI04N04X
2310 165900	SH16M02X	2311 052524	AHV71582	2314 132904	AHV71582	2318 063304	AHV71582	2321 081300	HI04N01X
2310 170000	SH16M03X	2311 071700	PH00AAAA	2314 171100	STOPIT	2318 072800	STOPIT	2321 081400	HI04N03X
2310 170100	SH16M02X	2311 071704	AHV71582	2314 191100	APPON	2318 092800	APPON	2321 081500	HI04N04X
2310 170200	SH16M03X	2311 092300	PH80AAAA	2314 191116	T816R01	2318 092816	M133301	2321 081600	STOPIT
2310 170300	SH16M02X	2311 092304	AHV71582	2314 191120	PH80AAAA	2318 092916	SSN8V01X	2321 081700	IMSON
2310 170400	SH16M03X	2311 093900	PH00AAAA	2314 191124	AHV71582	2318 092920	PH80AAAA	2321 081716	SH16M01
2310 170500	SH16M02X	2311 093904	AHV71582	2314 195000	PH00AAAA	2318 092924	AHV71582	2321 081720	PH00ADAA
2310 170600	SH16M03X	2311 101200	PH80AAAA	2314 195004	AHV71582	2318 124500	PH00AAAA	2321 081724	AHV71582
2310 170700	SH16M02X	2311 101204	AHV71582	2314 202900	PH80AAAA	2318 124504	AHV71582	2321 101500	STOPIT
2310 170800	SH16M03X	2311 122500	STOPIT	2314 202904	AHV71582	2318 131800	PH80AAAA	2321 114500	APPON
2310 170900	SH16M02X	2311 132300	APPON	2315 002500	STOPIT	2318 131804	AHV71582	2321 114516	SH16M01
2310 171000	SH16M03X	2311 132316	T816R01	2315 012500	IMSON	2318 141000	STOPIT	2321 114600	SH16M02X
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2321	114900	SH16M03X	2321	132100	SH16M03X	2322	002500	IMSON	2342	121516	T816R01	2344	144020	AHV71582
2321	115000	SH16M02X	2321	132200	SH16M02X	2322	002516	T816R01	2342	121520	PH80AAAA	2344	172800	STOPT
2321	115100	SH16M03X	2321	132300	SH16M03X	2322	002520	PH00AAAA	2342	121524	AHV71582	2344	172900	RPAON
2321	115200	SH16M02X	2321	132400	SH16M02X	2322	002524	AHV71582	2342	135500	STOPT	2344	172916	PLPH101
2321	115300	SH16M03X	2321	132500	SH16M03X	2322	072500	STOPT	2342	162500	APPON	2344	190700	STOPT
2321	115400	SH16M02X	2321	132600	SH16M02X	2322	085500	IMSON	2342	162516	SH16M01	2344	190800	IMSON
2321	115500	SH16M03X	2321	132700	SH16M03X	2322	085516	SH16M01	2342	162520	PH80ADAA	2344	190816	CMMSL01
2321	115600	SH16M02X	2321	132800	SH16M02X	2322	085520	PH00ADAA	2342	162524	AHV71582	2344	190820	AHV71582
2321	115700	SH16M03X	2321	132900	SH16M03X	2322	085524	AHV71582	2342	173200	STOPT	2344	214000	STOPT
2321	115800	SH16M02X	2321	133000	SH16M02X	2322	132500	STOPT	2342	173300	RPAON	2344	231500	APPON
2321	115900	SH16M03X	2321	133100	SH16M03X	2322	145500	APPON	2342	173316	PLPH101	2344	231516	T816R01
2321	120000	SH16M02X	2321	133200	SH16M02X	2322	145516	CMMSL01	2342	191100	STOPT	2344	231520	PH80AAAA
2321	120100	SH16M03X	2321	133300	SH16M03X	2322	145616	SSN8V01X	2342	191200	APPON	2344	231524	AHV71582
2321	120200	SH16M02X	2321	133400	SH16M02X	2322	145620	AHV71582	2342	191216	SH16M01	2345	002200	STOPT
2321	120300	SH16M03X	2321	133500	SH16M03X	2322	215500	STOPT	2342	191220	PH80ADAA	2345	002300	RPAON
2321	120400	SH16M02X	2321	133600	SH16M02X	2322	233000	APPON	2342	191224	AHV71582	2345	002316	PLPH101
2321	120500	SH16M03X	2321	133700	SH16M03X	2322	233016	T816R01	2342	193500	STOPT	2345	015700	STOPT
2321	120600	SH16M02X	2321	133800	SH16M02X	2322	233020	PH80AAAA	2342	201500	IMSON	2345	015800	APPON
2321	120700	SH16M03X	2321	133900	SH16M03X	2322	233024	AHV71582	2342	201516	T816R01	2345	015816	T816R01
2321	120800	SH16M02X	2321	134000	SH16M02X	2323	011900	STOPT	2342	201520	PH00AAAA	2345	015820	PH80AAAA
2321	120900	SH16M03X	2321	134100	SH16M03X	2323	012000	RPAON	2342	201524	AHV71582	2345	015824	AHV71582
2321	121000	SH16M02X	2321	134200	SH16M02X	2323	012016	PLPH101	2343	002600	STOPT	2345	024500	STOPT
2321	121100	SH16M03X	2321	134300	SH16M03X	2323	025200	STOPT	2343	002700	RPAON	2345	044500	APPON
2321	121200	SH16M02X	2321	134400	SH16M02X	2323	025300	APPON	2343	002716	PLPH101	2345	044516	INST10
2321	121300	SH16M03X	2321	134500	SH16M03X	2323	025316	T816R01	2343	020200	STOPT	2345	044520	AHV71582
2321	121400	SH16M02X	2321	134600	SH16M02X	2323	025320	PH80AAAA	2343	020300	IMSON	2345	070400	STOPT
2321	121500	SH16M03X	2321	134700	SH16M03X	2323	025324	AHV71582	2343	020316	T816R01	2345	070500	RPAON
2321	121600	SH16M02X	2321	134800	SH16M02X	2323	063000	STOPT	2343	020320	PH00AAAA	2345	070516	PLPH101
2321	121700	SH16M03X	2321	134900	SH16M03X	2323	080000	RPAON	2343	020324	AHV71582	2345	084000	STOPT
2321	121800	SH16M02X	2321	135000	SH16M02X	2323	080016	PLPH101	2343	022600	STOPT	2345	084100	APPON
2321	121900	SH16M03X	2321	135100	SH16M03X	2323	093800	STOPT	2343	042600	APPON	2345	084116	INST10
2321	122000	SH16M02X	2321	135200	SH16M02X	2323	093900	APPON	2343	042616	T816R01	2345	114500	STOPT
2321	122100	SH16M03X	2321	135300	SH16M03X	2323	093916	SH16M01	2343	042620	PH80AAAA	2345	133000	IMSON
2321	122200	SH16M02X	2321	135400	SH16M02X	2323	093920	PH80ADAA	2343	042624	AHV71582	2345	133016	T816R01
2321	122300	SH16M03X	2321	135500	SH16M03X	2323	093924	AHV71582	2343	061700	STOPT	2345	133020	PH00AAAA
2321	122400	SH16M02X	2321	135600	SH16M02X	2323	150000	STOPT	2343	071700	RPAON	2345	133024	AHV71582
2321	122500	SH16M03X	2321	135700	SH16M03X	2323	163200	IMSON	2343	071716	PLPH101	2345	133500	STOPT
2321	122600	SH16M02X	2321	135800	SH16M02X	2323	163216	T816R01	2343	084400	STOPT	2345	135600	RPAON
2321	122700	SH16M03X	2321	135900	SH16M03X	2323	163220	PH00AAAA	2343	084500	APPON	2345	135616	PLPH101
2321	122800	SH16M02X	2321	140000	SH16M02X	2323	163224	AHV71582	2343	084516	SH16M01	2345	141700	STOPT
2321	122900	SH16M03X	2321	140100	SH16M03X	2323	204900	STOPT	2343	084520	PH80ADAA	2345	153600	APPON
2321	123000	SH16M02X	2321	140200	SH16M02X	2327	160000	RPAON	2343	084524	AHV71582	2345	153616	M133301
2321	123100	SH16M03X	2321	140300	SH16M03X	2327	160016	PLPH101	2343	124000	STOPT	2345	153716	SSN8V01X
2321	123200	SH16M02X	2321	140400	SH16M02X	2327	161900	STOPT	2343	144000	RPAON	2345	153720	PH80AAAA
2321	123300	SH16M03X	2321	140500	SH16M03X	2327	162000	APPON	2343	144016	PLPH101	2345	153724	AHV71582
2321	123400	SH16M02X	2321	140600	SH16M02X	2327	162016	T816R01	2343	154100	STOPT	2345	205500	STOPT
2321	123500	SH16M03X	2321	140700	SH16M03X	2327	162020	PH80AAAA	2343	154200	APPON	2345	205600	RPAON
2321	123600	SH16M02X	2321	140800	SH16M02X	2327	162024	AHV71582	2343	154216	M133301	2345	205616	PLPH101
2321	123700	SH16M03X	2321	140900	SH16M03X	2327	201700	STOPT	2343	154316	SSN8V01X	2345	211500	STOPT
2321	123800	SH16M02X	2321	141000	SH16M02X	2341	144500	RPAON	2343	154320	PH80AAAA	2345	231500	APPON
2321	123900	SH16M03X	2321	141100	SH16M03X	2341	144516	PLPH101	2343	154324	AHV71582	2345	231516	T816R01
2321	124000	SH16M02X	2321	141200	SH16M02X	2341	154600	STOPT	2343	175500	STOPT	2345	231520	PH80AAAA
2321	124100	SH16M03X	2321	141300	SH16M03X	2341	154700	APPON	2343	191000	APPON	2345	231524	AHV71582
2321	124200	SH16M02X	2321	141400	SH16M02X	2341	154716	M133301	2343	191016	T816R01	2346	005900	STOPT
2321	124300	SH16M03X	2321	141500	SH16M03X	2341	154816	SSN8V01X	2343	191020	PH80AAAA	2346	022000	APPON
2321	124400	SH16M02X	2321	141600	SH16M02X	2341	154820	PH80AAAA	2343	191024	AHV71582	2346	022016	T816R01
2321	124500	SH16M03X	2321	141700	SH16M03X	2341	154824	AHV71582	2343	205900	STOPT	2346	022020	PH80AAAA
2321	124600	SH16M02X	2321	141800	SH16M02X	2341	180000	STOPT	2343	210000	RPAON	2346	022024	AHV71582
2321	124700	SH16M03X	2321	141900	SH16M03X	2341	191500	APPON	2343	210016	PLPH101	2346	033800	STOPT
2321	124800	SH16M02X	2321	142000	SH16M02X	2341	191516	T816R01	2343	223500	STOPT	2346	033900	RPAON
2321	124900	SH16M03X	2321	142100	SH16M03X	2341	191520	PH80AAAA	2343	223600	APPON	2346	033916	PLPH101
2321	125000	SH16M02X	2321	142200	SH16M02X	2341	191524	AHV71582	2343	223616	T816R01	2346	051400	STOPT
2321	125100	SH16M03X	2321	142300	SH16M03X	2341	210400	STOPT	2343	223620	PH80AAAA	2346	051500	APPON
2321	125200	SH16M02X	2321	142400	SH16M02X	2341	210500	RPAON	2344	002500	STOPT	2346	051516	T816R01
2321	125300	SH16M03X	2321	142500	SH16M03X	2341	210516	PLPH101	2344	022500	APPON	2346	051520	PH80AAAA
2321	125400	SH16M02X	2321	142600	SH16M02X	2341	224000	STOPT	2344	022516	T816R01	2346	051524	AHV71582
2321	125500	SH16M03X	2321	142700	SH16M03X	2341	224100	APPON	2344	022520	PH80AAAA	2346	063600	STOPT
2321	125600	SH16M02X	2321	142800	SH16M02X	2341	224116	T816R01	2344	022524	AHV71582	2346	083600	APPON
2321	125700	SH16M03X	2321	142900	SH16M03X	2341	224120	PH80AAAA	2344	034300	STOPT	2346	083616	SH16M01
2321	125800	SH16M02X	2321	143000	SH16M02X	2342	003000	STOPT	2344	034400	RPAON	2346	083620	PH80ADAA
2321	125900	SH16M03X	2321	143200	SH16M03X	2342	022800	IMSON	2344	034416	PLPH101	2346	083624	AHV71582
2321	130000	SH16M02X	2321	143300	STOPT	2342	022816	T816R01	2344	051900	STOPT	2346	102600	STOPT
2321	130100	SH16M03X	2321	150300	APPON	2342	022820	PH00AAAA	2344	052000	APPON	2346	102700	RPAON
2321	130200	SH16M02X	2321	150316	M133301	2342	022824	AHV71582	2344	052016	T816R01	2346	102716	PLPH101
2321	130300	SH16M03X	2321	150416	SSN8V01X	2342	035000	STOPT	2344	052020	PH80AAAA	2346	102720	STOPT
2321	130400	SH16M02X	2321	150420	PH80AAAA	2342	035100	RPAON	2344	052024	AHV71582	2346	120300	APPON
2321	130500	SH16M03X	2321	150424	AHV71582	2342	035116	PLPH101	2344	064100	STOPT	2346	120316	SH16M01
2321	130600	SH16M02X	2321	160400	PH00AAAA	2342	052600	STOPT	2344	084100	APPON	2346	120320	PH80ADAA
2321	130700	SH16M03X	2321	160404	AHV71582	2342	052700	IMSON	2344	084116	SH16M01	2346	120324	AHV71582
2321	130800	SH16M02X	2321	16410										

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2346	231016	T816R01	2349	031016	SH16M01	2349	044200	SH16M03X	2349	224500	APPON	2352	101800	T816Q03X
2346	231020	PH80AAAA	2349	031100	SH16M02X	2349	044300	SH16M02X	2349	224516	M133301	2352	101900	T816Q02X
2346	231024	AHV71582	2349	031200	SH16M03X	2349	044400	SH16M03X	2349	224616	SSN8V01X	2352	102000	T816Q04X
2347	001700	STOPTIT	2349	031300	SH16M02X	2349	044500	SH16M02X	2349	224620	PH80AAAA	2352	102100	T816Q02X
2347	001800	RPAON	2349	031400	SH16M03X	2349	044600	SH16M03X	2349	224624	AHV71582	2352	102200	T816Q05X
2347	001816	PLPH101	2349	031500	SH16M02X	2349	044700	SH16M02X	2350	004000	STOPTIT	2352	102300	T816Q02X
2347	015200	STOPTIT	2349	031600	SH16M03X	2349	044800	SH16M03X	2350	021200	IMSON	2352	102400	T816Q03X
2347	015300	APPON	2349	031700	SH16M02X	2349	044900	SH16M02X	2350	021216	T816R01	2352	102500	T816Q02X
2347	015316	T816R01	2349	031800	SH16M03X	2349	045000	SH16M03X	2350	021220	PH00AAAA	2352	102600	T816Q04X
2347	015320	PH80AAAA	2349	031900	SH16M02X	2349	045100	SH16M02X	2350	021224	AHV71582	2352	102700	T816Q02X
2347	015324	AHV71582	2349	032000	SH16M03X	2349	045200	SH16M03X	2350	032900	STOPTIT	2352	102800	T816Q05X
2347	024000	STOPTIT	2349	032100	SH16M02X	2349	045300	SH16M02X	2350	033000	RPAON	2352	102900	T816Q02X
2347	044000	IMSON	2349	032200	SH16M03X	2349	045400	SH16M03X	2350	033016	PLPH101	2352	103000	T816Q03X
2347	044016	M204001	2349	032300	SH16M02X	2349	045500	SH16M02X	2350	034800	STOPTIT	2352	103100	T816Q02X
2347	044020	AHV71582	2349	032400	SH16M03X	2349	045600	SH16M03X	2350	051800	APPON	2352	103200	T816Q04X
2347	065900	STOPTIT	2349	032500	SH16M02X	2349	045700	SH16M02X	2350	051816	T816R01	2352	103300	T816Q02X
2347	070000	RPAON	2349	032600	SH16M03X	2349	045800	SH16M03X	2350	051820	PH80AAAA	2352	103400	T816Q05X
2347	070016	PLPH101	2349	032700	SH16M02X	2349	045900	SH16M02X	2350	051824	AHV71582	2352	103500	T816Q02X
2347	083500	STOPTIT	2349	032800	SH16M03X	2349	050000	SH16M03X	2350	065500	STOPTIT	2352	103600	T816Q03X
2347	083600	IMSON	2349	032900	SH16M02X	2349	050100	SH16M02X	2350	083000	IMSON	2352	103700	T816Q02X
2347	083616	M204001	2349	033000	SH16M03X	2349	050200	SH16M03X	2350	083016	SH16M01	2352	103800	T816Q04X
2347	114000	STOPTIT	2349	033100	SH16M02X	2349	050300	SH16M02X	2350	083020	PH00ADAA	2352	103900	T816Q02X
2347	132500	IMSON	2349	033200	SH16M03X	2349	050400	SH16M03X	2350	083024	AHV71582	2352	104000	T816Q05X
2347	132516	T816R01	2349	033300	SH16M02X	2349	050500	SH16M02X	2350	101400	STOPTIT	2352	104100	T816Q02X
2347	132520	PH00AAAA	2349	033400	SH16M03X	2349	050600	SH16M03X	2350	101500	RPAON	2352	104200	T816Q03X
2347	132524	AHV71582	2349	033500	SH16M02X	2349	050700	SH16M02X	2350	101516	PLPH101	2352	104300	T816Q02X
2347	135000	STOPTIT	2349	033600	SH16M03X	2349	050800	SH16M03X	2350	111700	STOPTIT	2352	104400	T816Q04X
2347	135100	RPAON	2349	033700	SH16M02X	2349	050900	SH16M02X	2350	141000	APPON	2352	104500	T816Q02X
2347	135116	PLPH101	2349	033800	SH16M03X	2349	051000	SH16M03X	2350	141016	T816R01	2352	104600	T816Q05X
2347	141200	STOPTIT	2349	033900	SH16M02X	2349	051100	SH16M02X	2350	141020	PH80AAAA	2352	104700	T816Q02X
2347	153100	APPON	2349	034000	SH16M03X	2349	051200	SH16M03X	2350	141024	AHV71582	2352	104800	T816Q03X
2347	153116	M133301	2349	034100	SH16M02X	2349	051300	SH16M02X	2350	171100	STOPTIT	2352	104900	T816Q02X
2347	153216	SSN8V01X	2349	034200	SH16M03X	2349	051400	SH16M03X	2350	171200	RPAON	2352	105000	T816Q04X
2347	153220	PH80AAAA	2349	034300	SH16M02X	2349	051500	SH16M02X	2350	171216	PLPH101	2352	105100	T816Q02X
2347	153224	AHV71582	2349	034400	SH16M03X	2349	051600	SH16M03X	2350	185100	STOPTIT	2352	105200	T816Q05X
2347	205000	STOPTIT	2349	034500	SH16M02X	2349	051700	SH16M02X	2350	185200	APPON	2352	105300	T816Q02X
2347	205100	RPAON	2349	034600	SH16M03X	2349	051800	SH16M03X	2350	185216	T816R01	2352	105400	T816Q03X
2347	205116	PLPH101	2349	034700	SH16M02X	2349	051900	SH16M02X	2350	185220	PH80AAAA	2352	105500	T816Q02X
2347	211000	STOPTIT	2349	034800	SH16M03X	2349	052000	SH16M03X	2350	185224	AHV71582	2352	105600	T816Q04X
2347	231000	APPON	2349	034900	SH16M02X	2349	052100	SH16M02X	2350	211000	STOPTIT	2352	105700	T816Q02X
2347	231016	T816R01	2349	035000	SH16M03X	2349	052200	SH16M03X	2351	012000	RPAON	2352	105800	T816Q05X
2347	231020	PH80AAAA	2349	035100	SH16M02X	2349	052300	SH16M02X	2351	012016	PLPH101	2352	105900	T816Q02X
2347	231024	AHV71582	2349	035200	SH16M03X	2349	052400	SH16M03X	2351	014000	STOPTIT	2352	110000	T816Q03X
2348	005400	STOPTIT	2349	035300	SH16M02X	2349	052500	SH16M02X	2351	014100	IMSON	2352	110100	T816Q02X
2348	021700	IMSON	2349	035400	SH16M03X	2349	052600	SH16M03X	2351	014116	T816R01	2352	110200	T816Q04X
2348	021716	T816R01	2349	035500	SH16M02X	2349	052700	SH16M02X	2351	014120	PH00AAAA	2352	110300	T816Q02X
2348	021720	PH00AAAA	2349	035600	SH16M03X	2349	052800	SH16M03X	2351	014124	AHV71582	2352	110400	T816Q05X
2348	021724	AHV71582	2349	035700	SH16M02X	2349	052900	SH16M02X	2351	055400	STOPTIT	2352	110500	T816Q02X
2348	033400	STOPTIT	2349	035800	SH16M03X	2349	053000	SH16M03X	2351	065400	RPAON	2352	110600	T816Q03X
2348	033500	RPAON	2349	035900	SH16M02X	2349	053100	SH16M02X	2351	065416	PLPH101	2352	110700	T816Q02X
2348	033516	PLPH101	2349	040000	SH16M03X	2349	053200	SH16M03X	2351	082400	STOPTIT	2352	110800	T816Q04X
2348	035300	STOPTIT	2349	040100	SH16M02X	2349	053300	SH16M02X	2351	082500	APPON	2352	110900	T816Q02X
2348	052300	APPON	2349	040200	SH16M03X	2349	053400	SH16M03X	2351	082516	M133301	2352	111000	T816Q05X
2348	052316	T816R01	2349	040300	SH16M02X	2349	053500	SH16M02X	2351	082616	SSN8V01X	2352	111100	T816Q02X
2348	052320	PH80AAAA	2349	040400	SH16M03X	2349	053600	SH16M03X	2351	082620	PH80AAAA	2352	111200	T816Q03X
2348	052324	AHV71582	2349	040500	SH16M02X	2349	053700	SH16M02X	2351	082624	AHV71582	2352	111300	T816Q02X
2348	070000	STOPTIT	2349	040600	SH16M03X	2349	053800	SH16M03X	2351	132200	STOPTIT	2352	111400	T816Q04X
2348	083500	IMSON	2349	040700	SH16M02X	2349	053900	SH16M02X	2351	152200	APPON	2352	111500	T816Q02X
2348	083516	SH16M01	2349	040800	SH16M03X	2349	054000	SH16M03X	2351	152216	SH16M01	2352	111600	T816Q05X
2348	083520	PH00ADAA	2349	040900	SH16M02X	2349	054100	SH16M02X	2351	152220	PH80ADAA	2352	111700	T816Q02X
2348	083524	AHV71582	2349	041000	SH16M03X	2349	054200	SH16M03X	2351	152224	AHV71582	2352	111800	T816Q03X
2348	101900	STOPTIT	2349	041100	SH16M02X	2349	054300	SH16M02X	2351	185500	STOPTIT	2352	111900	T816Q02X
2348	102000	RPAON	2349	041200	SH16M03X	2349	054400	SH16M03X	2351	203600	RPAON	2352	112000	T816Q04X
2348	102016	PLPH101	2349	041300	SH16M02X	2349	054500	SH16M02X	2351	203616	PLPH101	2352	112100	T816Q02X
2348	112200	STOPTIT	2349	041400	SH16M03X	2349	054600	SH16M03X	2351	221600	STOPTIT	2352	112200	T816Q05X
2348	141500	APPON	2349	041500	SH16M02X	2349	054700	SH16M02X	2351	221700	APPON	2352	112300	T816Q02X
2348	141516	T816R01	2349	041600	SH16M03X	2349	054800	SH16M03X	2351	221716	T816R01	2352	112400	T816Q03X
2348	141520	PH80AAAA	2349	041700	SH16M02X	2349	054900	SH16M02X	2351	221720	PH80AAAA	2352	112500	T816Q02X
2348	141524	AHV71582	2349	041800	SH16M03X	2349	055000	SH16M03X	2351	221724	AHV71582	2352	112600	T816Q04X
2348	171600	STOPTIT	2349	041900	SH16M02X	2349	055100	SH16M02X	2352	004000	STOPTIT	2352	112700	T816Q02X
2348	171700	RPAON	2349	042000	SH16M03X	2349	055200	SH16M03X	2352	021000	IMSON	2352	112800	T816Q05X
2348	171716	PLPH101	2349	042100	SH16M02X	2349	055300	SH16M02X	2352	021016	T816R01	2352	112900	T816Q02X
2348	185600	STOPTIT	2349	042200	SH16M03X	2349	055400	SH16M03X	2352	021020	PH00AAAA	2352	113000	T816Q03X
2348	185700	APPON	2349	042300	SH16M02X	2349	055500	SH16M02X	2352	021024	AHV71582	2352	113100	T816Q02X
2348	185716	T816R01	2349	042400	SH16M03X	2349	055600	SH16M03X	2352	032200	STOPTIT	2352	113200	T816Q04X
2348	185720	PH80AAAA	2349	042500	SH16M02X	2349	055700	SH16M02X	2352	032300	RPAON	2352	113300	T816Q02X
2348	185724	AHV71582	2349	042600	SH16M03X	2349	055800	STOPTIT	2352	032316	PLPH101	2352	113400	T816Q05X
2348	211500	STOPTIT	2349	042700	SH16M0									

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2352 115000 T816Q04X	2352 132300 T816Q05X	2352 145500 T816Q03X	2352 162700 T816Q04X	2354 114316 T816R01
2352 115100 T816Q02X	2352 132400 T816Q02X	2352 145600 T816Q02X	2352 162800 T816Q02X	2354 114320 PH80AAAA
2352 115200 T816Q05X	2352 132500 T816Q03X	2352 145700 T816Q04X	2352 162900 T816Q05X	2354 114324 AHV71582
2352 115300 T816Q02X	2352 132600 T816Q02X	2352 145800 T816Q02X	2352 163000 T816Q02X	2354 142000 STOPIT
2352 115400 T816Q03X	2352 132700 T816Q04X	2352 145900 T816Q05X	2352 163100 T816Q03X	2354 162000 APPON
2352 115500 T816Q02X	2352 132800 T816Q02X	2352 150000 T816Q02X	2352 163200 T816Q02X	2354 162016 SH16M01
2352 115600 T816Q04X	2352 132900 T816Q05X	2352 150100 T816Q03X	2352 163300 T816Q04X	2354 162020 PH80ADAA
2352 115700 T816Q02X	2352 133000 T816Q02X	2352 150200 T816Q02X	2352 163400 T816Q02X	2354 162024 AHV71582
2352 115800 T816Q05X	2352 133100 T816Q03X	2352 150300 T816Q04X	2352 163500 T816Q05X	2354 170100 STOPIT
2352 115900 T816Q02X	2352 133200 T816Q02X	2352 150400 T816Q02X	2352 163600 T816Q02X	2354 170200 RPAON
2352 120000 T816Q03X	2352 133300 T816Q04X	2352 150500 T816Q05X	2352 163700 T816Q03X	2354 170216 PLPH101
2352 120100 T816Q02X	2352 133400 T816Q02X	2352 150600 T816Q02X	2352 163800 T816Q02X	2354 184000 STOPIT
2352 120200 T816Q04X	2352 133500 T816Q05X	2352 150700 T816Q03X	2352 163900 T816Q04X	2354 184100 APPON
2352 120300 T816Q02X	2352 133600 T816Q02X	2352 150800 T816Q02X	2352 164000 T816Q02X	2354 184116 SH16M01
2352 120400 T816Q05X	2352 133700 T816Q03X	2352 150900 T816Q04X	2352 164100 T816Q05X	2354 184120 PH80ADAA
2352 120500 T816Q02X	2352 133800 T816Q02X	2352 151000 T816Q02X	2352 164200 T816Q02X	2354 184124 AHV71582
2352 120600 T816Q03X	2352 133900 T816Q04X	2352 151100 T816Q05X	2352 164300 T816Q03X	2354 232000 STOPIT
2352 120700 T816Q02X	2352 134000 T816Q02X	2352 151200 T816Q02X	2352 164400 T816Q02X	2355 011000 RPAON
2352 120800 T816Q04X	2352 134100 T816Q05X	2352 151300 T816Q03X	2352 164500 T816Q04X	2355 011016 PLPH101
2352 120900 T816Q02X	2352 134200 T816Q02X	2352 151400 T816Q02X	2352 164600 T816Q02X	2355 013400 STOPIT
2352 121000 T816Q05X	2352 134300 T816Q03X	2352 151500 T816Q04X	2352 164700 T816Q05X	2355 013500 IMSON
2352 121100 T816Q02X	2352 134400 T816Q02X	2352 151600 T816Q02X	2352 164800 T816Q02X	2355 013516 SH16M01
2352 121200 T816Q03X	2352 134500 T816Q04X	2352 151700 T816Q05X	2352 164900 T816Q03X	2355 013520 PH00ADAA
2352 121300 T816Q02X	2352 134600 T816Q02X	2352 151800 T816Q02X	2352 165000 T816Q02X	2355 013524 AHV71582
2352 121400 T816Q04X	2352 134700 T816Q05X	2352 151900 T816Q03X	2352 165100 T816Q04X	2355 034700 STOPIT
2352 121500 T816Q02X	2352 134800 T816Q02X	2352 152000 T816Q02X	2352 165200 T816Q02X	2355 054700 APPON
2352 121600 T816Q05X	2352 134900 T816Q03X	2352 152100 T816Q04X	2352 165300 T816Q05X	2355 054716 M133301
2352 121700 T816Q02X	2352 135000 T816Q02X	2352 152200 T816Q02X	2352 165400 T816Q02X	2355 054816 SSN8V01X
2352 121800 T816Q03X	2352 135100 T816Q04X	2352 152300 T816Q05X	2352 165500 T816Q03X	2355 054820 PH80AAAA
2352 121900 T816Q02X	2352 135200 T816Q02X	2352 152400 T816Q02X	2352 165600 T816Q02X	2355 054824 AHV71582
2352 122000 T816Q04X	2352 135300 T816Q05X	2352 152500 T816Q03X	2352 165700 T816Q04X	2355 063700 STOPIT
2352 122100 T816Q02X	2352 135400 T816Q02X	2352 152600 T816Q02X	2352 165800 T816Q02X	2355 063800 RPAON
2352 122200 T816Q05X	2352 135500 T816Q03X	2352 152700 T816Q04X	2352 165900 T816Q05X	2355 063816 PLPH101
2352 122300 T816Q02X	2352 135600 T816Q02X	2352 152800 T816Q02X	2352 170000 T816Q02X	2355 081300 STOPIT
2352 122400 T816Q03X	2352 135700 T816Q04X	2352 152900 T816Q05X	2352 170100 STOPIT	2355 081400 APPON
2352 122500 T816Q02X	2352 135800 T816Q02X	2352 153000 T816Q02X	2352 192000 APPON	2355 081416 M133301
2352 122600 T816Q04X	2352 135900 T816Q05X	2352 153100 T816Q03X	2352 192016 T816R01	2355 081516 SSN8V01X
2352 122700 T816Q02X	2352 140000 T816Q02X	2352 153200 T816Q02X	2352 192020 PH80AAAA	2355 081520 PH80AAAA
2352 122800 T816Q05X	2352 140100 T816Q03X	2352 153300 T816Q04X	2352 192024 AHV71582	2355 081524 AHV71582
2352 122900 T816Q02X	2352 140200 T816Q02X	2352 153400 T816Q02X	2352 234000 STOPIT	2355 093000 STOPIT
2352 123000 T816Q03X	2352 140300 T816Q04X	2352 153500 T816Q05X	2353 011500 RPAON	2355 103000 APPON
2352 123100 T816Q02X	2352 140400 T816Q02X	2352 153600 T816Q02X	2353 011516 PLPH101	2355 103016 SH16M01
2352 123200 T816Q04X	2352 140500 T816Q05X	2352 153700 T816Q03X	2353 013500 STOPIT	2355 103100 SH16M02X
2352 123300 T816Q02X	2352 140600 T816Q02X	2352 153800 T816Q02X	2353 013600 IMSON	2355 103200 SH16M03X
2352 123400 T816Q05X	2352 140700 T816Q03X	2352 153900 T816Q04X	2353 013616 T816R01	2355 103300 SH16M02X
2352 123500 T816Q02X	2352 140800 T816Q02X	2352 154000 T816Q02X	2353 013620 PH00AAAA	2355 103400 SH16M03X
2352 123600 T816Q03X	2352 140900 T816Q04X	2352 154100 T816Q05X	2353 013624 AHV71582	2355 103500 SH16M02X
2352 123700 T816Q02X	2352 141000 T816Q02X	2352 154200 T816Q02X	2353 054900 STOPIT	2355 103600 SH16M03X
2352 123800 T816Q04X	2352 141100 T816Q05X	2352 154300 T816Q03X	2353 064900 RPAON	2355 103700 SH16M02X
2352 123900 T816Q02X	2352 141200 T816Q02X	2352 154400 T816Q02X	2353 064916 PLPH101	2355 103800 SH16M03X
2352 124000 T816Q05X	2352 141300 T816Q03X	2352 154500 T816Q04X	2353 081900 STOPIT	2355 103900 SH16M02X
2352 124100 T816Q02X	2352 141400 T816Q02X	2352 154600 T816Q02X	2353 082000 APPON	2355 104000 SH16M03X
2352 124200 T816Q03X	2352 141500 T816Q04X	2352 154700 T816Q05X	2353 082016 M133301	2355 104100 SH16M02X
2352 124300 T816Q02X	2352 141600 T816Q02X	2352 154800 T816Q02X	2353 082116 SSN8V01X	2355 104200 SH16M03X
2352 124400 T816Q04X	2352 141700 T816Q05X	2352 154900 T816Q03X	2353 082120 PH80AAAA	2355 104300 SH16M02X
2352 124500 T816Q02X	2352 141800 T816Q02X	2352 155000 T816Q02X	2353 082124 AHV71582	2355 104400 SH16M03X
2352 124600 T816Q05X	2352 141900 T816Q03X	2352 155100 T816Q04X	2353 131700 STOPIT	2355 104500 SH16M02X
2352 124700 T816Q02X	2352 142000 T816Q02X	2352 155200 T816Q02X	2353 151700 APPON	2355 104600 SH16M03X
2352 124800 T816Q03X	2352 142100 T816Q04X	2352 155300 T816Q05X	2353 151716 SH16M01	2355 104700 SH16M02X
2352 124900 T816Q02X	2352 142200 T816Q02X	2352 155400 T816Q02X	2353 151720 PH80ADAA	2355 104800 SH16M03X
2352 125000 T816Q04X	2352 142300 T816Q05X	2352 155500 T816Q03X	2353 151724 AHV71582	2355 104900 SH16M02X
2352 125100 T816Q02X	2352 142400 T816Q02X	2352 155600 T816Q02X	2353 185000 STOPIT	2355 105000 SH16M03X
2352 125200 T816Q05X	2352 142500 T816Q03X	2352 155700 T816Q04X	2353 203100 RPAON	2355 105100 SH16M02X
2352 125300 T816Q02X	2352 142600 T816Q02X	2352 155800 T816Q02X	2353 203116 PLPH101	2355 105200 SH16M03X
2352 125400 T816Q03X	2352 142700 T816Q04X	2352 155900 T816Q05X	2353 221100 STOPIT	2355 105300 SH16M02X
2352 125500 T816Q02X	2352 142800 T816Q02X	2352 160000 T816Q02X	2353 221200 APPON	2355 105400 SH16M03X
2352 125700 T816Q04X	2352 142900 T816Q05X	2352 160100 T816Q03X	2353 221216 T816R01	2355 105500 SH16M02X
2352 125800 T816Q02X	2352 143000 T816Q02X	2352 160200 T816Q02X	2353 221220 PH80AAAA	2355 105600 SH16M03X
2352 125900 T816Q05X	2352 143100 T816Q03X	2352 160300 T816Q04X	2353 221224 AHV71582	2355 105700 SH16M02X
2352 130000 T816Q02X	2352 143200 T816Q02X	2352 160400 T816Q02X	2354 003500 STOPIT	2355 105800 SH16M03X
2352 130100 T816Q03X	2352 143300 T816Q04X	2352 160500 T816Q05X	2354 020500 IMSON	2355 105900 SH16M02X
2352 130200 T816Q02X	2352 143400 T816Q02X	2352 160600 T816Q02X	2354 020516 T816R01	2355 110000 SH16M03X
2352 130300 T816Q04X	2352 143500 T816Q05X	2352 160700 T816Q03X	2354 020520 PH00AAAA	2355 110100 SH16M02X
2352 130400 T816Q02X	2352 143600 T816Q02X	2352 160800 T816Q02X	2354 020524 AHV71582	2355 110200 SH16M03X
2352 130500 T816Q05X	2352 143700 T816Q03X	2352 160900 T816Q04X	2354 031900 STOPIT	2355 110300 SH16M02X
2352 130600 T816Q02X	2352 143800 T816Q02X	2352 161000 T816Q02X	2354 032000 RPAON	2355 110400 SH16M03X
2352 130700 T816Q03X	2352 143900 T816Q04X	2352 161100 T816Q05X	2354 032016 PLPH101	2355 110500 SH16M02X
2352 130800 T816Q02X	2352 144000 T816Q02X	2352 161200 T816Q02X	2354 045500 STOPIT	2355 110600 SH16M03X
2352 130900 T816Q04X	2352 144100 T816Q05X	2352 161300 T816Q03X	2354 045600 IMSON	2355 110700 SH16M02X
2352 131000 T816Q02X	2352 144200 T816Q02X	2352 161400 T816Q02X	2354 045616 T816R01	2355 110800 SH16M03X
2352 131100 T816Q05X	2352 144300 T816Q03X	2352 161500 T816Q04X	2354 045620 PH00AAAA	2355 110900 SH16M02X
2352 131200 T816Q02X	2352 144400 T816Q02X	2352 161600 T816Q02X	2354 045624 AHV71582	2355 111000 SH16M03X
2352 131300 T816Q03X	2352 144500 T816Q04X	2352 161700 T816Q05X	2354 062600 STOPIT	2355 111100 SH16M02X
2352 131400 T816Q02X	2352 144600 T816Q02X	2352 161800 T816Q02X	2354 082600 APPON	2355 111200 SH16M03X
2352 131500 T816Q04X	2352 144700 T816Q05X	2352 161900 T816Q03X	2354 082616 T816R01	2355 111300 SH16M02X
2352 131600 T816Q02X	2352 144800 T816Q02X	2352 162000 T816Q02X	2354 082620 PH80AAAA	2355 111400 SH16M03X
2352 131700 T816Q05X	2352 144900 T816Q03X	2352 162100 T816Q04X	2354 082624 AHV71582	2355 111500 SH16M02X
2352 131800 T816Q02X	2352 145000 T816Q02X	2352 162200 T816Q02X	2354 100400 STOPIT	2355 111600 SH16M03X
2352 131900 T816Q03X	2352 145100 T816Q04X	2352 162300 T816Q05X	2354 100500 RPAON	2355 111700 SH16M02X
2352 132000 T816Q02X	2352 145200 T816Q02X	2352 162400 T816Q02X	2354 100516 PLPH101	2355 111800 SH16M03X
2352 132100 T816Q04X	2352 145300 T816Q05X	2352 162500 T816Q03X	2354 114200 STOPIT	2355 111900 SH16M02X
2352 132200 T816Q02X	2352 145400 T816Q02X	2352 162600 T816Q02X	2354 114300 APPON	2355 112000 SH16M03X

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2355	112100	SH16M02X	2355	125300	SH16M02X	2356	183620	PH80ADAA	2359	012024	AHV71582	2361	075716	M133301
2355	112200	SH16M03X	2355	125400	SH16M03X	2356	183624	AHV71582	2359	033800	STOPTIT	2361	075816	SSN8V01X
2355	112300	SH16M02X	2355	125500	SH16M02X	2356	231500	STOPTIT	2359	053800	APPON	2361	075820	PH80AAAA
2355	112400	SH16M03X	2355	125600	SH16M03X	2357	010500	RPAON	2359	053816	M133301	2361	075824	AHV71582
2355	112500	SH16M02X	2355	125700	SH16M02X	2357	010516	PLPH101	2359	053916	SSN8V01X	2361	115600	STOPTIT
2355	112600	SH16M03X	2355	125800	SH16M03X	2357	012900	STOPTIT	2359	053920	PH80AAAA	2361	150900	APPON
2355	112700	SH16M02X	2355	125900	SH16M02X	2357	013000	IMSON	2359	053924	AHV71582	2361	150916	SH16M01
2355	112800	SH16M03X	2355	130000	SH16M03X	2357	013016	SH16M01	2359	062500	STOPTIT	2361	150920	PH80ADAA
2355	112900	SH16M02X	2355	130100	SH16M02X	2357	013020	PH00ADAA	2359	062600	RPAON	2361	150924	AHV71582
2355	113000	SH16M03X	2355	130200	SH16M03X	2357	013024	AHV71582	2359	062616	PLPH101	2361	201400	STOPTIT
2355	113100	SH16M02X	2355	130300	SH16M02X	2357	034200	STOPTIT	2359	080100	STOPTIT	2361	201500	RPAON
2355	113200	SH16M03X	2355	130400	SH16M03X	2357	054200	APPON	2359	080200	APPON	2361	201516	PLPH101
2355	113300	SH16M02X	2355	130500	SH16M02X	2357	054216	M133301	2359	080216	M133301	2361	215000	STOPTIT
2355	113400	SH16M03X	2355	130600	SH16M03X	2357	054316	SSN8V01X	2359	080316	SSN8V01X	2361	215100	APPON
2355	113500	SH16M02X	2355	130700	SH16M02X	2357	054320	PH80AAAA	2359	080320	PH80AAAA	2361	215116	SH16M01
2355	113600	SH16M03X	2355	130800	SH16M03X	2357	054324	AHV71582	2359	080324	AHV71582	2361	215120	PH80ADAA
2355	113700	SH16M02X	2355	130900	SH16M02X	2357	063200	STOPTIT	2359	120100	STOPTIT	2361	215124	AHV71582
2355	113800	SH16M03X	2355	131000	SH16M03X	2357	063300	RPAON	2359	151400	APPON	2361	220900	STOPTIT
2355	113900	SH16M02X	2355	131100	SH16M02X	2357	063316	PLPH101	2359	151416	SH16M01	2362	001400	APPON
2355	114000	SH16M03X	2355	131200	SH16M03X	2357	080800	STOPTIT	2359	151420	PH80ADAA	2362	001416	T816R01
2355	114100	SH16M02X	2355	131300	SH16M02X	2357	080900	APPON	2359	151424	AHV71582	2362	001420	PH80AAAA
2355	114200	SH16M03X	2355	131400	SH16M03X	2357	080916	M133301	2359	201900	STOPTIT	2362	001424	AHV71582
2355	114300	SH16M02X	2355	131500	SH16M02X	2357	081016	SSN8V01X	2359	202000	RPAON	2362	025800	STOPTIT
2355	114400	SH16M03X	2355	131700	SH16M03X	2357	081020	PH80AAAA	2359	202016	PLPH101	2362	025900	RPAON
2355	114500	SH16M02X	2355	131800	STOPTIT	2357	081024	AHV71582	2359	215500	STOPTIT	2362	025916	PLPH101
2355	114600	SH16M03X	2355	131900	IMSON	2357	092500	STOPTIT	2359	215600	APPON	2362	043400	STOPTIT
2355	114700	SH16M02X	2355	131916	HI04N01	2357	102500	APPON	2359	215616	SH16M01	2362	043500	APPON
2355	114800	SH16M03X	2355	132000	HI04N01X	2357	102516	SH16M01	2359	215620	PH80ADAA	2362	043516	T816R01
2355	114900	SH16M02X	2355	132100	HI04N03X	2357	102520	PH80ADAA	2359	215624	AHV71582	2362	043520	PH80AAAA
2355	115000	SH16M03X	2355	132200	HI04N04X	2357	102524	AHV71582	2359	221400	STOPTIT	2362	043524	AHV71582
2355	115100	SH16M02X	2355	132300	HI04N01X	2357	132800	STOPTIT	2360	000100	APPON	2362	045900	STOPTIT
2355	115200	SH16M03X	2355	132400	HI04N03X	2357	152300	APPON	2360	000116	T816R01	2362	065900	APPON
2355	115300	SH16M02X	2355	132500	HI04N04X	2357	152316	T816R01	2360	000120	PH80AAAA	2362	065916	SH16M01
2355	115400	SH16M03X	2355	132600	HI04N01X	2357	152320	PH80AAAA	2360	000124	AHV71582	2362	065920	PH80ADAA
2355	115500	SH16M02X	2355	132700	HI04N03X	2357	152324	AHV71582	2360	030200	STOPTIT	2362	065924	AHV71582
2355	115600	SH16M03X	2355	132800	HI04N04X	2357	192000	STOPTIT	2360	030300	RPAON	2362	094300	STOPTIT
2355	115700	SH16M02X	2355	132900	HI04N01X	2357	212000	RPAON	2360	030316	PLPH101	2362	094400	RPAON
2355	115800	SH16M03X	2355	133000	HI04N03X	2357	212016	PLPH101	2360	043800	STOPTIT	2362	094416	PLPH101
2355	115900	SH16M02X	2355	133100	HI04N04X	2357	215900	STOPTIT	2360	043900	APPON	2362	112200	STOPTIT
2355	120000	SH16M03X	2355	133200	HI04N01X	2357	220000	IMSON	2360	043916	APPON	2362	112300	APPON
2355	120100	SH16M02X	2355	133300	HI04N03X	2357	220016	T816R01	2360	043920	PH80AAAA	2362	112316	SH16M01
2355	120200	SH16M03X	2355	133400	HI04N04X	2357	220020	PH00AAAA	2360	043924	AHV71582	2362	112320	PH80ADAA
2355	120300	SH16M02X	2355	133500	STOPTIT	2357	220024	AHV71582	2360	050500	STOPTIT	2362	112324	AHV71582
2355	120400	SH16M03X	2355	152800	APPON	2358	020500	STOPTIT	2360	070500	APPON	2362	153900	STOPTIT
2355	120500	SH16M02X	2355	152816	T816R01	2358	020000	APPON	2360	070516	CS04L01	2362	155000	IMSON
2355	120600	SH16M03X	2355	152820	PH80AAAA	2358	020016	T816R01	2360	070616	SSN8V01X	2362	155016	T816R01
2355	120700	SH16M02X	2355	152824	AHV71582	2358	020020	PH80AAAA	2360	070620	AHV71582	2362	155020	PH00AAAA
2355	120800	SH16M03X	2355	192500	STOPTIT	2358	020024	AHV71582	2360	094700	STOPTIT	2362	155024	AHV71582
2355	120900	SH16M02X	2355	212500	RPAON	2358	030700	STOPTIT	2360	094800	RPAON	2362	164000	STOPTIT
2355	121000	SH16M03X	2355	212516	PLPH101	2358	030800	RPAON	2360	094816	PLPH101	2362	164100	RPAON
2355	121100	SH16M02X	2355	220400	STOPTIT	2358	030816	PLPH101	2360	112600	STOPTIT	2362	164116	PLPH101
2355	121200	SH16M03X	2355	220500	IMSON	2358	044300	STOPTIT	2360	112700	APPON	2362	182200	STOPTIT
2355	121300	SH16M02X	2355	220516	T816R01	2358	044400	APPON	2360	112716	CS04L01	2362	182300	IMSON
2355	121400	SH16M03X	2355	220520	PH00AAAA	2358	044416	T816R01	2360	112816	SSN8V01X	2362	182316	T816R01
2355	121500	SH16M02X	2355	220524	AHV71582	2358	044420	PH80AAAA	2360	112820	AHV71582	2362	182320	PH00AAAA
2355	121600	SH16M03X	2356	003000	STOPTIT	2358	044424	AHV71582	2360	140500	STOPTIT	2362	182324	AHV71582
2355	121700	SH16M02X	2356	020000	IMSON	2358	051000	STOPTIT	2360	160500	APPON	2362	222300	STOPTIT
2355	121800	SH16M03X	2356	020016	T816R01	2358	071000	IMSON	2360	160516	T816R01	2363	011400	APPON
2355	121900	SH16M02X	2356	020020	PH00AAAA	2358	071016	CS04L01	2360	160520	PH80AAAA	2363	011416	SH16M01
2355	122000	SH16M03X	2356	020024	AHV71582	2358	071020	AHV71582	2360	160524	AHV71582	2363	011500	SH16M02X
2355	122100	SH16M02X	2356	031400	STOPTIT	2358	095200	STOPTIT	2360	164700	STOPTIT	2363	011600	SH16M03X
2355	122200	SH16M03X	2356	031500	RPAON	2358	095300	RPAON	2360	164800	RPAON	2363	011700	SH16M02X
2355	122300	SH16M02X	2356	031516	PLPH101	2358	095316	PLPH101	2360	164816	PLPH101	2363	011800	SH16M03X
2355	122400	SH16M03X	2356	045000	STOPTIT	2358	113100	STOPTIT	2360	182600	STOPTIT	2363	011900	SH16M02X
2355	122500	SH16M02X	2356	045100	IMSON	2358	113200	IMSON	2360	182700	APPON	2363	012000	SH16M03X
2355	122600	SH16M03X	2356	045116	T816R01	2358	113216	CS04L01	2360	182716	T816R01	2363	012100	SH16M02X
2355	122700	SH16M02X	2356	045120	PH00AAAA	2358	113220	AHV71582	2360	182720	PH80AAAA	2363	012200	SH16M03X
2355	122800	SH16M03X	2356	045124	AHV71582	2358	141000	STOPTIT	2360	182724	AHV71582	2363	012300	SH16M02X
2355	122900	SH16M02X	2356	062100	STOPTIT	2358	161000	APPON	2360	205500	STOPTIT	2363	012400	SH16M03X
2355	123000	SH16M03X	2356	082100	APPON	2358	161016	T816R01	2360	225500	APPON	2363	012500	SH16M02X
2355	123100	SH16M02X	2356	082116	T816R01	2358	161020	PH80AAAA	2360	225516	T816R01	2363	012600	SH16M03X
2355	123200	SH16M03X	2356	082120	PH80AAAA	2358	161024	AHV71582	2360	225520	PH80AAAA	2363	012700	SH16M02X
2355	123300	SH16M02X	2356	082124	AHV71582	2358	165200	STOPTIT	2360	225524	AHV71582	2363	012800	SH16M03X
2355	123400	SH16M03X	2356	095900	STOPTIT	2358	165300	RPAON	2360	233800	STOPTIT	2363	012900	SH16M02X
2355	123500	SH16M02X	2356	100000	RPAON	2358	165316	PLPH101	2360	233900	RPAON	2363	013000	SH16M03X
2355	123600	SH16M03X	2356	100016	PLPH101	2358	183100	STOPTIT	2360	233916	PLPH101	2363	013100	SH16M02X
2355	123700	SH16M02X	2356	113700	STOPTIT	2358	183200	APPON	2361	011400	STOPTIT	2363	013200	SH16M03X
2355	123800	SH16M03X	2356	113800	APPON	2358	183216	T816R01	2361	011500	APPON	2363	013300	SH16M02X
2355	123900	SH16M02X	2356	113816	T816R01	2358	183220	PH80AAAA	2361	011516	T816R01	2363	013400	SH16M03X
2355	1													

DE 1/RIMS 1982 Instrument Modes

2363 014800 SH16M03X	2363 032000 SH16M03X	2364 111824 AHV71582
2363 014900 SH16M02X	2363 032100 SH16M02X	2364 135400 STOPIT
2363 015000 SH16M03X	2363 032200 SH16M03X	2364 154500 IMSON
2363 015100 SH16M02X	2363 032300 SH16M02X	2364 154516 T816R01
2363 015200 SH16M03X	2363 032400 SH16M03X	2364 154520 PH00AAAA
2363 015300 SH16M02X	2363 032500 SH16M02X	2364 154524 AHV71582
2363 015400 SH16M03X	2363 032600 SH16M03X	2364 163500 STOPIT
2363 015500 SH16M02X	2363 032700 SH16M02X	2364 163600 RPAON
2363 015600 SH16M03X	2363 032800 SH16M03X	2364 163616 PLPH101
2363 015700 SH16M02X	2363 032900 SH16M02X	2364 181700 STOPIT
2363 015800 SH16M03X	2363 033000 SH16M03X	2364 181800 IMSON
2363 015900 SH16M02X	2363 033100 SH16M02X	2364 181816 T816R01
2363 020000 SH16M03X	2363 033200 SH16M03X	2364 181820 PH00AAAA
2363 020100 SH16M02X	2363 033300 SH16M02X	2364 181824 AHV71582
2363 020200 SH16M03X	2363 033400 SH16M03X	2364 221800 STOPIT
2363 020300 SH16M02X	2363 033500 SH16M02X	
2363 020400 SH16M03X	2363 033600 SH16M03X	END LISTING
2363 020500 SH16M02X	2363 033700 SH16M02X	
2363 020600 SH16M03X	2363 033800 SH16M03X	
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2363 020900 SH16M02X	2363 034100 SH16M02X	
2363 021000 SH16M03X	2363 034200 SH16M03X	
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2363 021200 SH16M03X	2363 034400 SH16M03X	
2363 021300 SH16M02X	2363 034500 SH16M02X	
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2363 021700 SH16M02X	2363 034900 SH16M02X	
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2363 021900 SH16M02X	2363 035100 SH16M02X	
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2363 022400 SH16M03X	2363 035600 SH16M03X	
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2363 022900 SH16M02X	2363 040200 STOPIT	
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2363 024500 SH16M02X	2363 151720 PH80AAAA	
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2363 024900 SH16M02X	2363 200816 PLPH101	
2363 025000 SH16M03X	2363 214500 STOPIT	
2363 025100 SH16M02X	2363 214600 APPON	
2363 025200 SH16M03X	2363 214616 T816R01	
2363 025300 SH16M02X	2363 214620 PH80AAAA	
2363 025400 SH16M03X	2363 214624 AHV71582	
2363 025500 SH16M02X	2363 220200 STOPIT	
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2363 025700 SH16M02X	2364 000916 T816R01	
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2363 025900 SH16M02X	2364 000924 AHV71582	
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2363 030100 SH16M02X	2364 025400 RPAON	
2363 030200 SH16M03X	2364 025416 PLPH101	
2363 030300 SH16M02X	2364 042900 STOPIT	
2363 030400 SH16M03X	2364 043000 APPON	
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2363 030600 SH16M03X	2364 043020 PH80AAAA	
2363 030700 SH16M02X	2364 043024 AHV71582	
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2363 030900 SH16M02X	2364 065400 APPON	
2363 031000 SH16M03X	2364 065416 SH16M01	
2363 031100 SH16M02X	2364 065420 PH80ADAA	
2363 031200 SH16M03X	2364 065424 AHV71582	
2363 031300 SH16M02X	2364 093800 STOPIT	
2363 031400 SH16M03X	2364 093900 RPAON	
2363 031500 SH16M02X	2364 093916 PLPH101	
2363 031600 SH16M03X	2364 111700 STOPIT	
2363 031700 SH16M02X	2364 111800 APPON	
2363 031800 SH16M03X	2364 111816 SH16M01	
2363 031900 SH16M02X	2364 111820 PH80ADAA	

V. DE1/RIMS 1982 SUMMARY SPECTROGRAMS

Errata

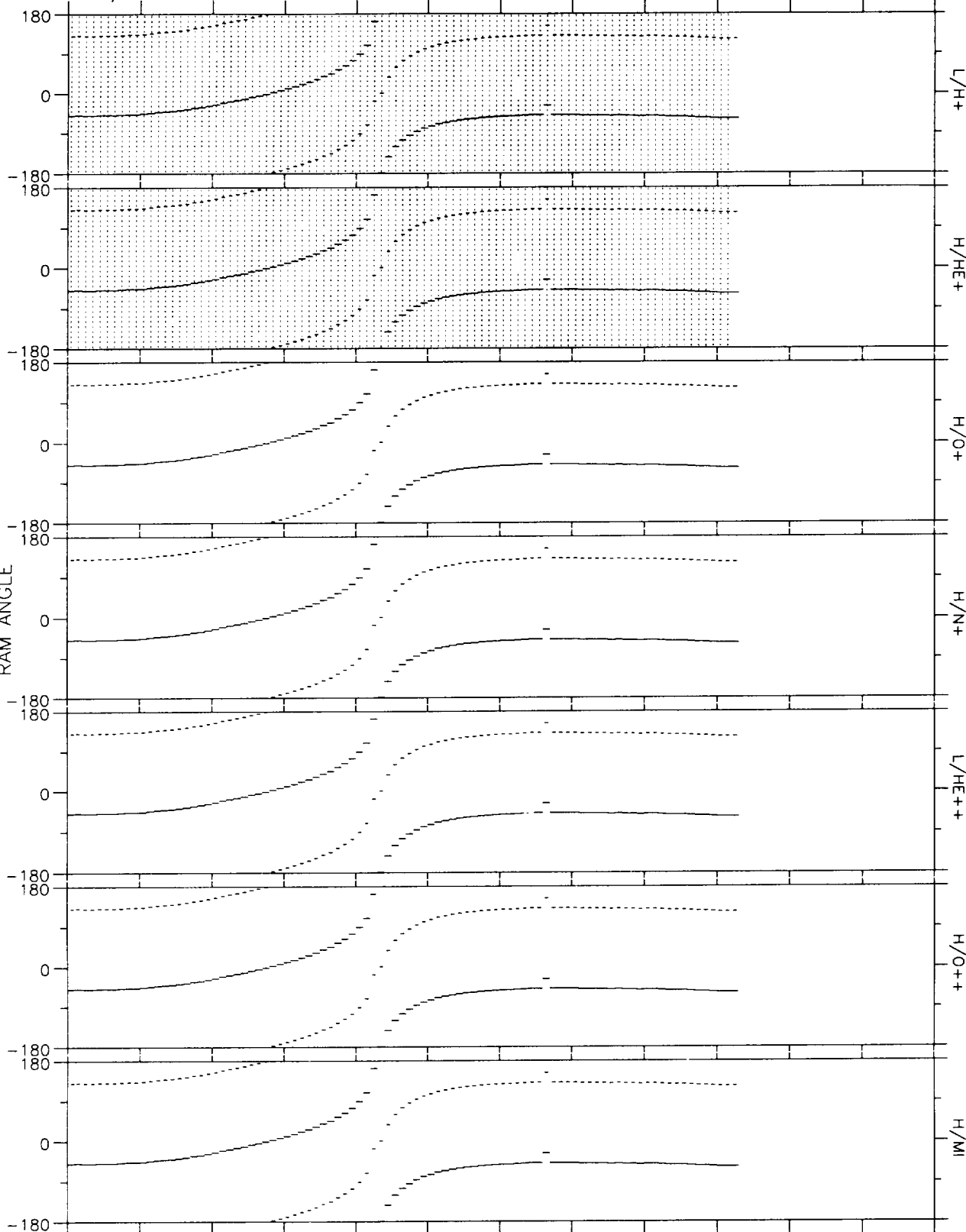
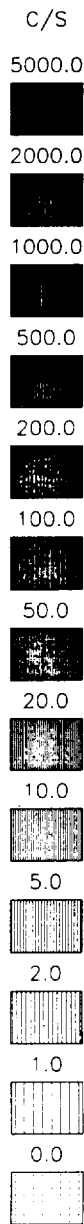
Units listed for the various orbit parameters shown
at the bottom of each plot should be as follows:

TIME HHMM
RE RE
L
MLT HRS
MLAT DEGS
INVLAT DEGS

The panel labeled L/He^{++} refers to the response of the
RIMS low-mass channel to the $M/Z=2$ mass/charge settings.

DE RINS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Mon Oct 25 20:04:21 1993

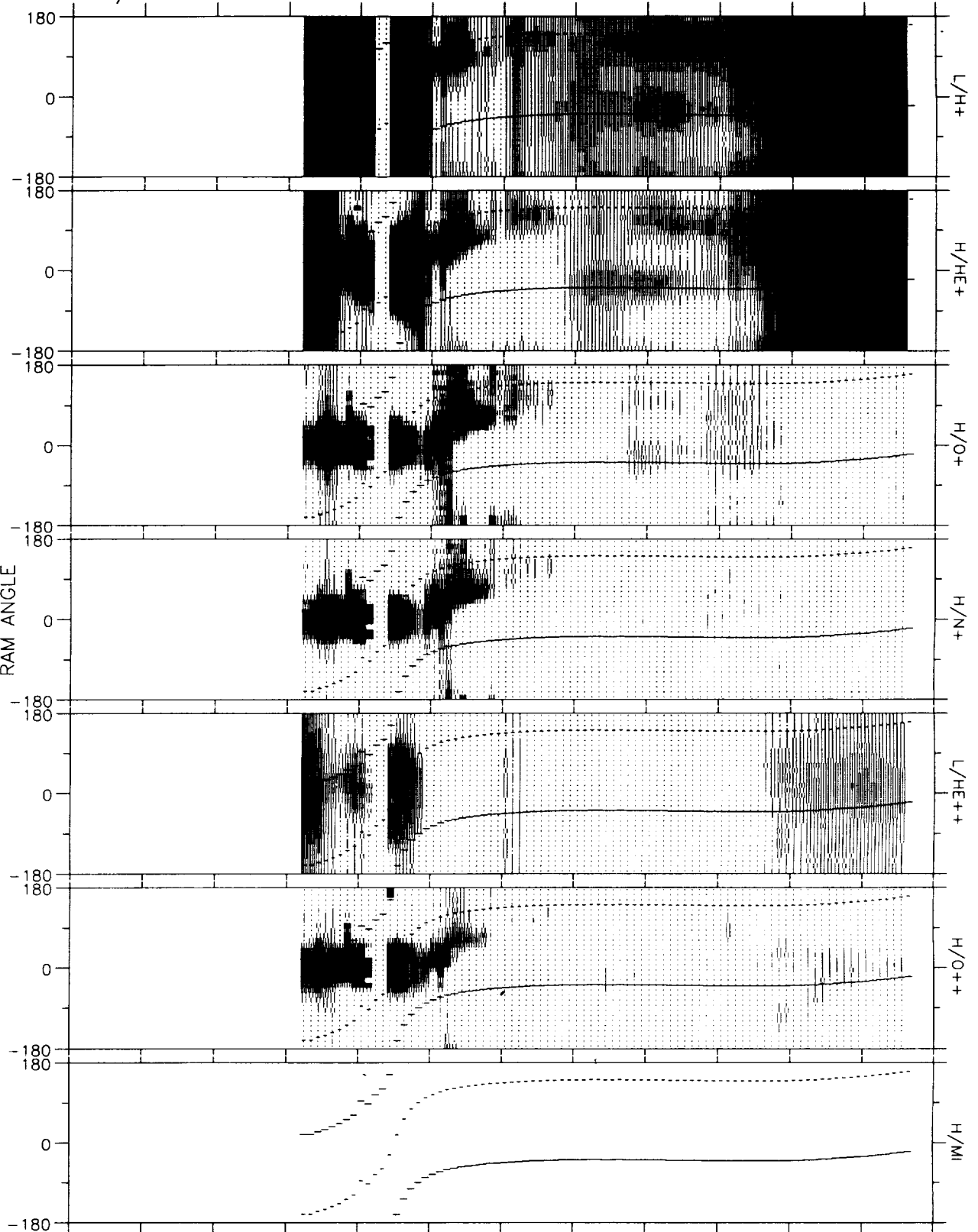
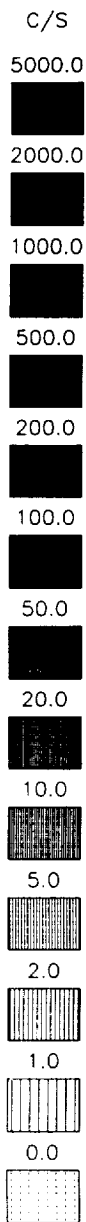
82/230 18-AUG 0015:00 - 0815:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0055	0135	0215	0255	0335	0415	0455	0535	0615	0000	0000	HHMM
RE	4.1	3.4	2.3	1.1	2.1	3.2	4.0	4.5	4.7	0.0	0.0	RE
L	4.1	3.4	3.4	2.2	14.7	82.8	17.9	10.4	7.4	0.0	0.0	
MLT	13.1	12.9	12.6	1.5	23.9	14.0	13.1	12.9	12.8	0.0	0.0	HRS
MLAT	-5.37	8.39	34.12	50.84	*****	*****	*****	*****	*****	0.00	0.00	DEGS
INVLAT	60.5	57.3	57.1	47.8	74.9	83.7	76.3	71.9	68.4	0.0	0.0	DEGS

DE RIMS SPIN SUMMARY
SPIN_BA001ALL (V1.0)
Mon Oct 25 20:05:47 1993

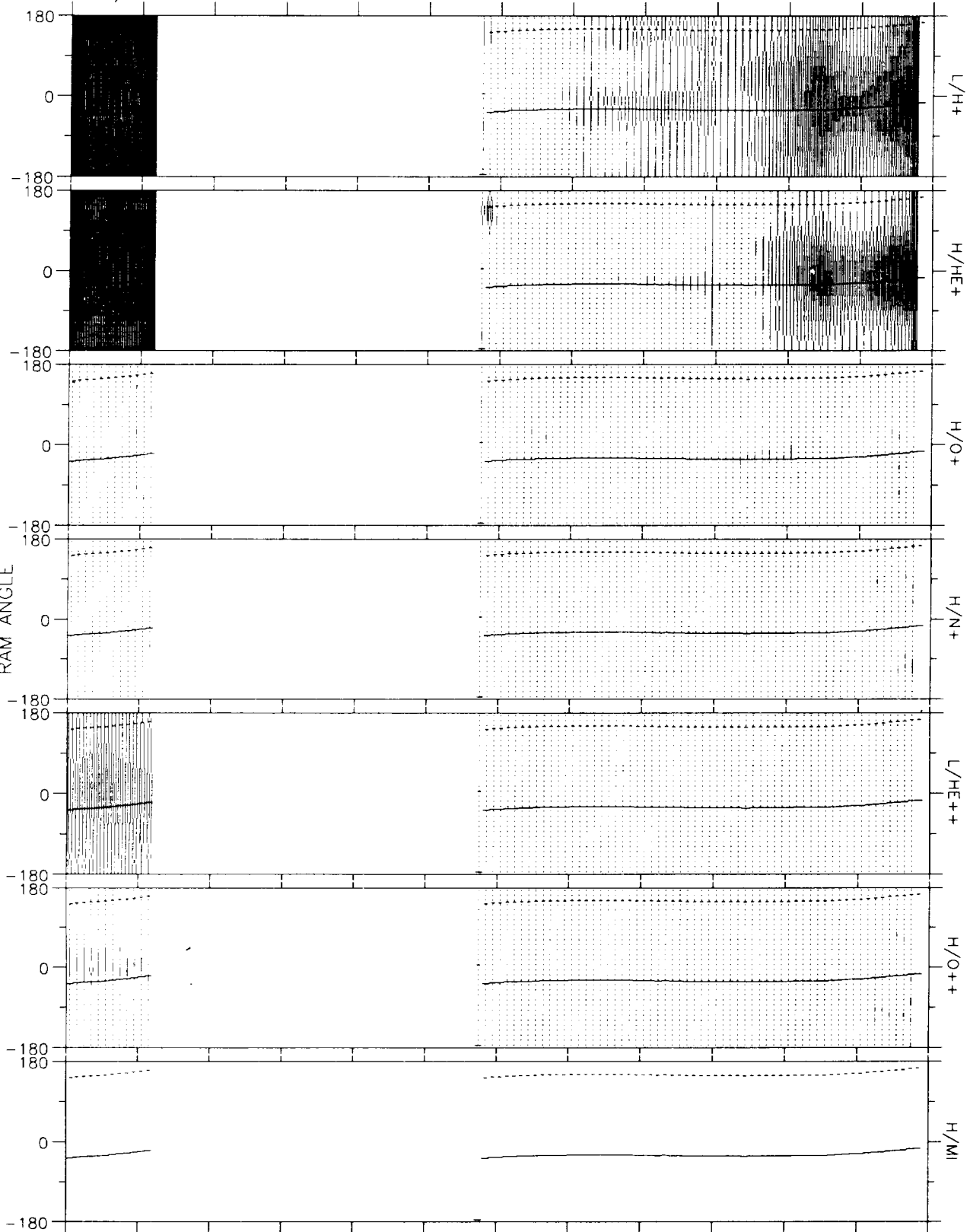
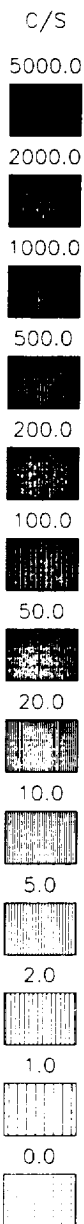
82/230 18-AUG 0700:00 - 1500:00 HEAD= RL RPA= 0 to 1000 BIAS= A



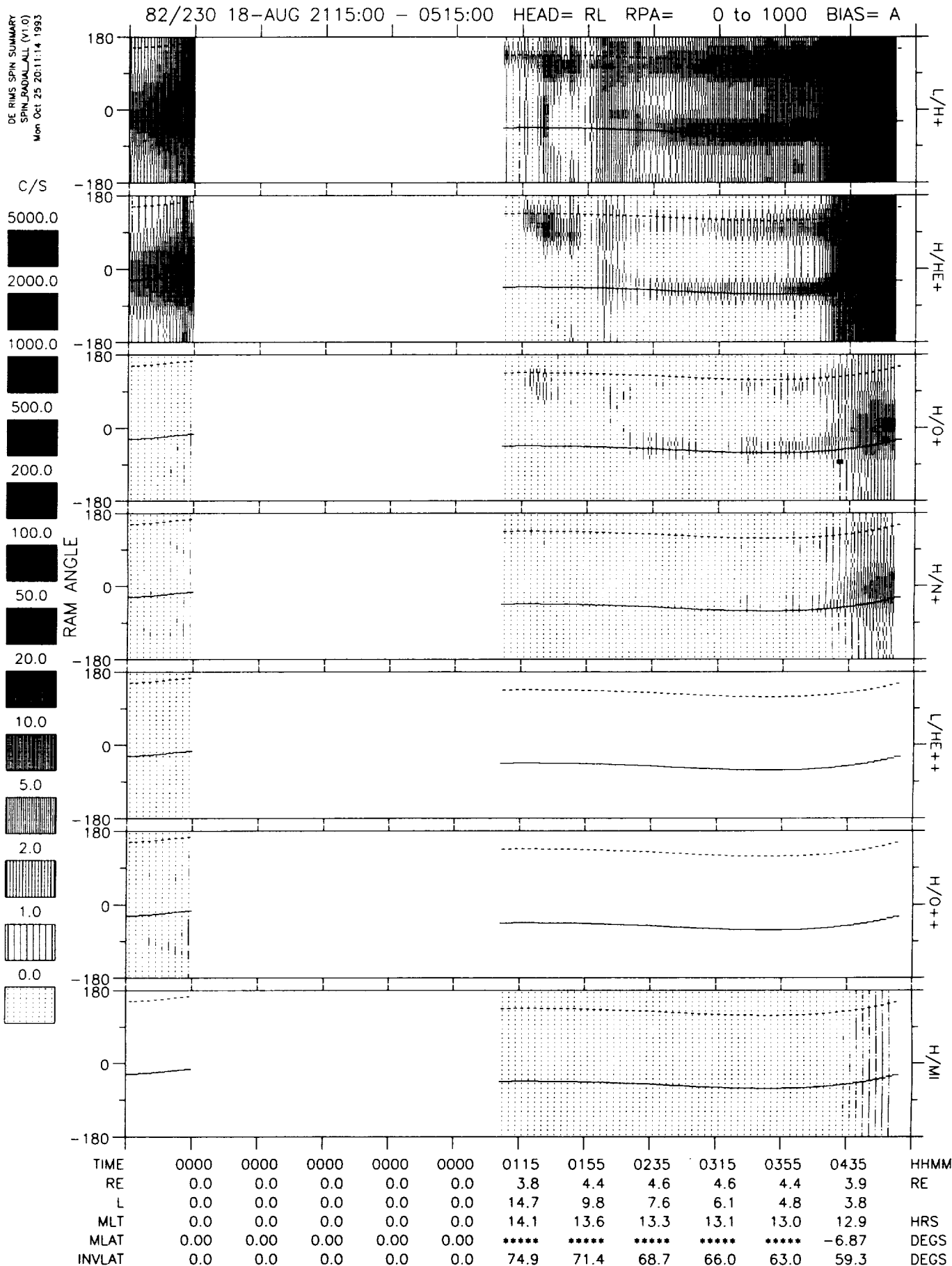
TIME	0000	0000	0000	0940	1020	1100	1140	1220	1300	1340	1420	HHMM
RE	0.0	0.0	0.0	1.3	1.9	3.1	3.9	4.4	4.6	4.6	4.3	RE
L	0.0	0.0	0.0	37.0	11.3	23.3	10.0	7.1	5.8	5.0	4.4	
MLT	0.0	0.0	0.0	21.2	2.5	10.6	11.8	12.1	12.4	12.6	12.7	HRS
MLAT	0.00	0.00	0.00	77.64	*****	*****	*****	*****	*****	*****	0.81	DEGS
INVLAT	0.0	0.0	0.0	80.4	72.7	78.0	71.6	67.9	65.4	63.3	61.5	DEGS

DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Mon Oct 25 20:09:01 1993

82/230 18-AUG 1400:00 - 2200:00 HEAD= RL RPA= 0 to 1000 BIAS= A

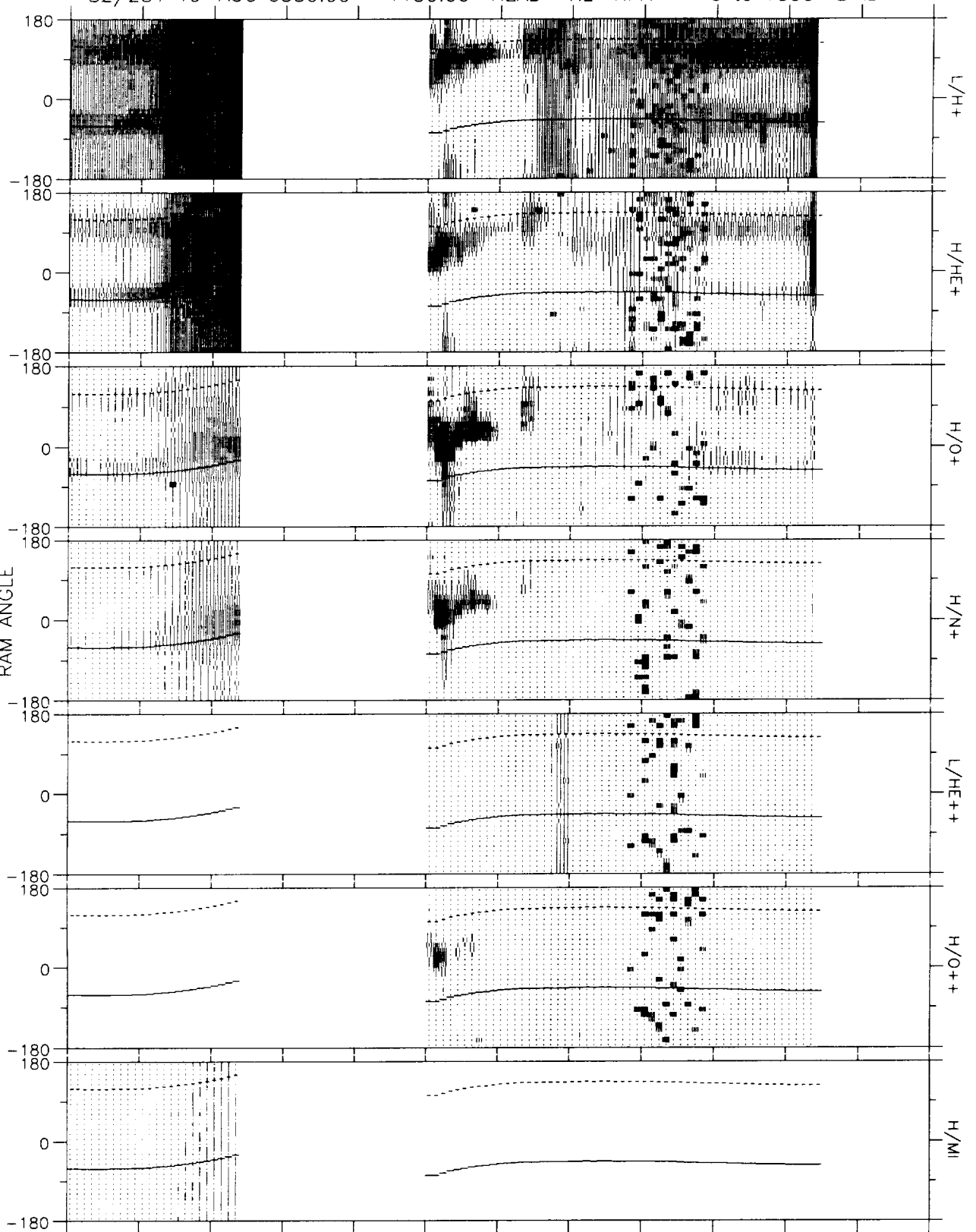
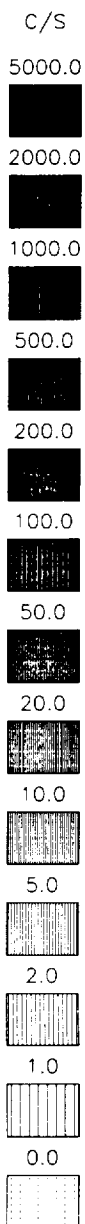


TIME	1440	0000	0000	0000	0000	1800	1840	1920	2000	2040	2120	HHMM
RE	4.1	0.0	0.0	0.0	0.0	3.3	4.1	4.5	4.7	4.6	4.2	RE
L	4.2	0.0	0.0	0.0	0.0	9.4	6.5	5.6	5.1	4.7	4.2	
MLT	12.8	0.0	0.0	0.0	0.0	13.1	13.2	13.3	13.2	13.2	13.1	HRS
MLAT	7.85	0.00	0.00	0.00	0.00	*****	*****	*****	*****	-7.76	2.14	DEGS
INVLAT	60.8	0.0	0.0	0.0	0.0	70.9	66.9	65.0	63.7	62.4	60.8	DEGS



DE RMS SPIN SUMMARY
SPIN_RADIAL.ALL (V1.0)
Mon Oct 25 20:13:24 1993

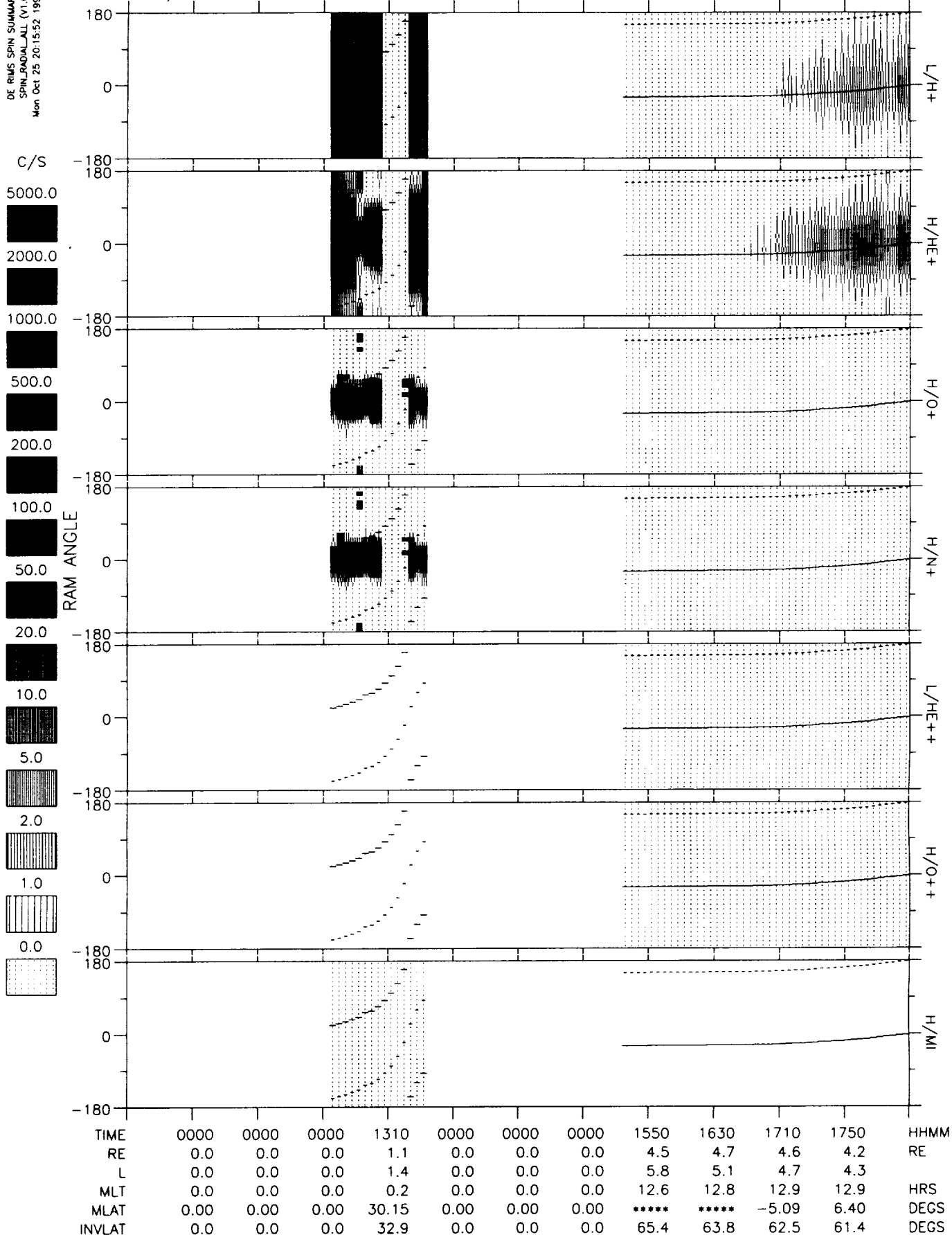
82/231 19-AUG 0330:00 - 1130:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0410	0450	0000	0000	0650	0730	0810	0850	0930	1010	0000	HHMM
RE	4.2	3.6	0.0	0.0	1.8	3.0	3.9	4.4	4.6	4.6	0.0	RE
L	4.4	3.5	0.0	0.0	5.8	98.5	16.9	9.6	6.9	5.5	0.0	
MLT	12.9	12.8	0.0	0.0	1.2	10.4	11.8	12.1	12.3	12.4	0.0	HRS
MLAT	*****	-0.87	0.00	0.00	*****	*****	*****	*****	*****	*****	0.00	DEGS
INVLAT	61.7	57.7	0.0	0.0	65.5	84.2	75.9	71.1	67.7	64.8	0.0	DEGS

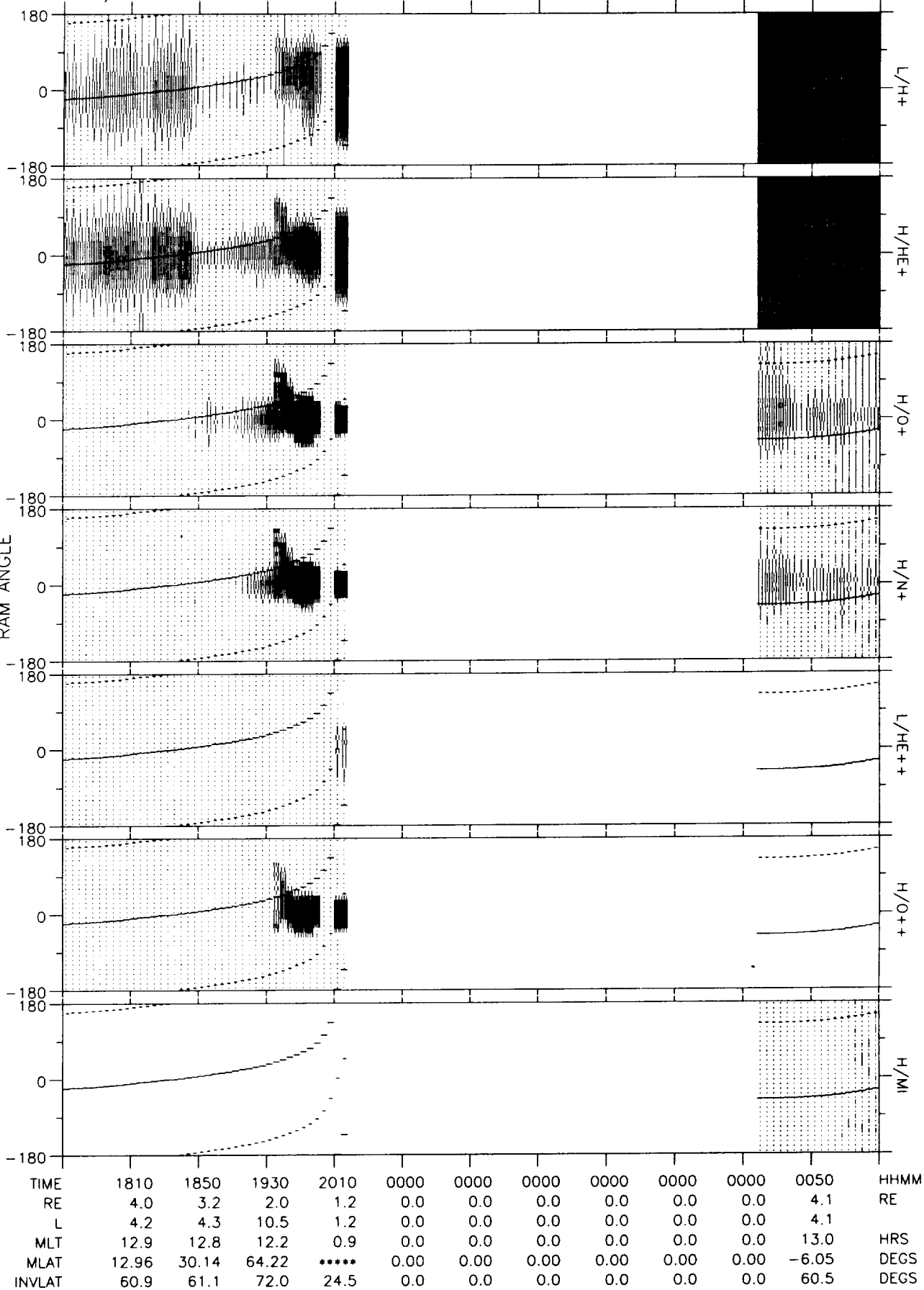
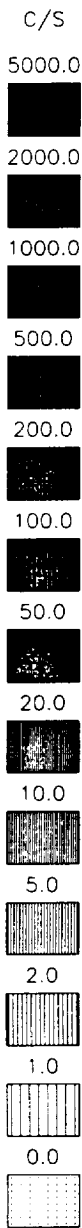
DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Mon Oct 25 20:15:52 1993

82/231 19-AUG 1030:00 - 1830:00 HEAD= RL RPA= 0 to 1000 BIAS= A



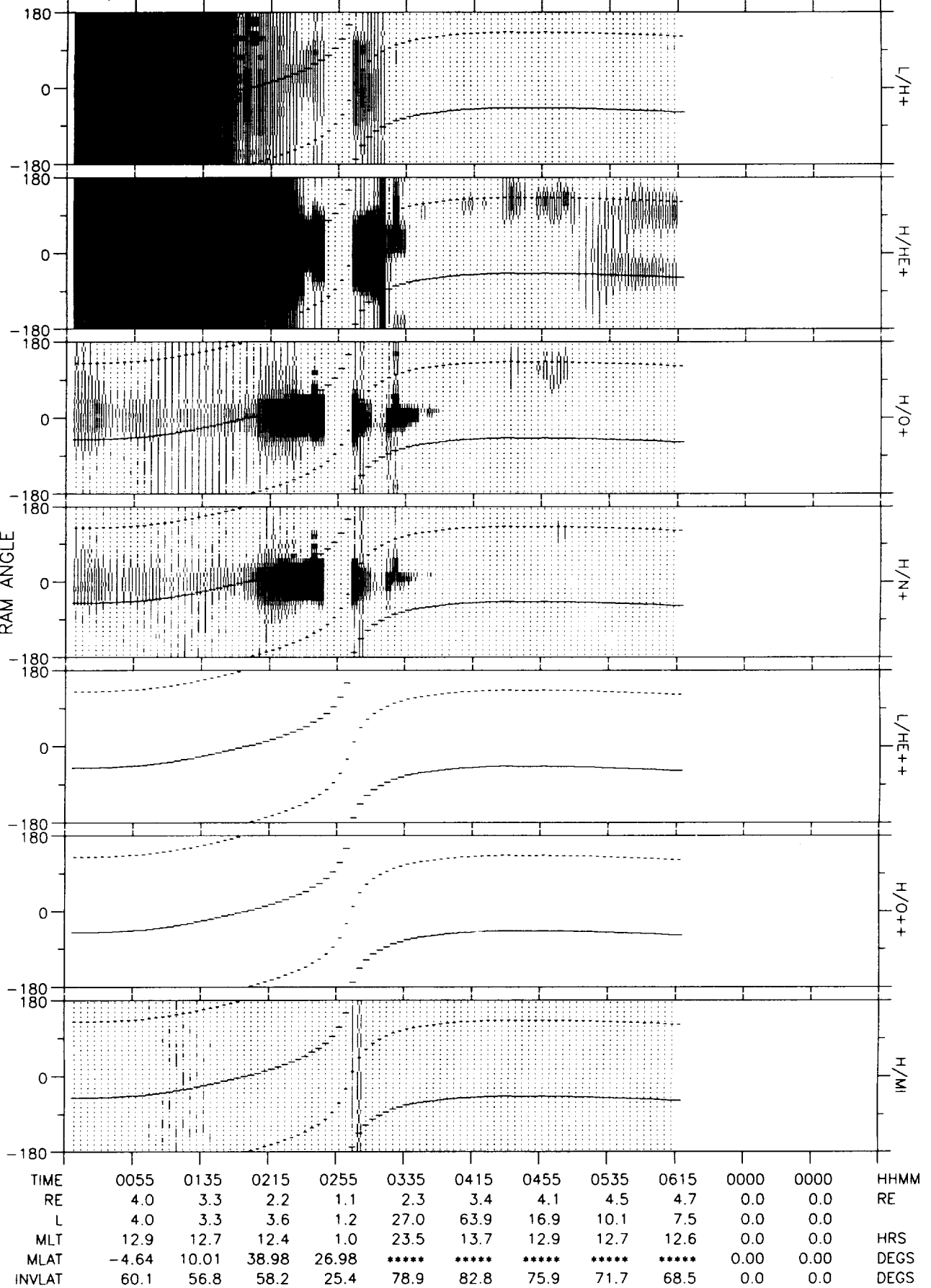
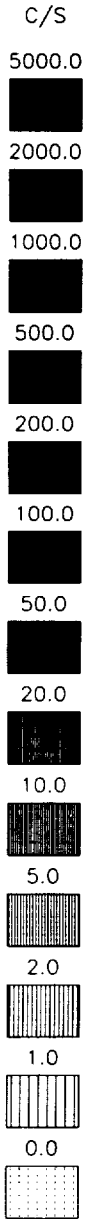
DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Mon Oct 25 20 17:48 1993

82/231 19-AUG 1730:00 - 0130:00 HEAD= RL RPA= 0 to 1000 BIAS= A



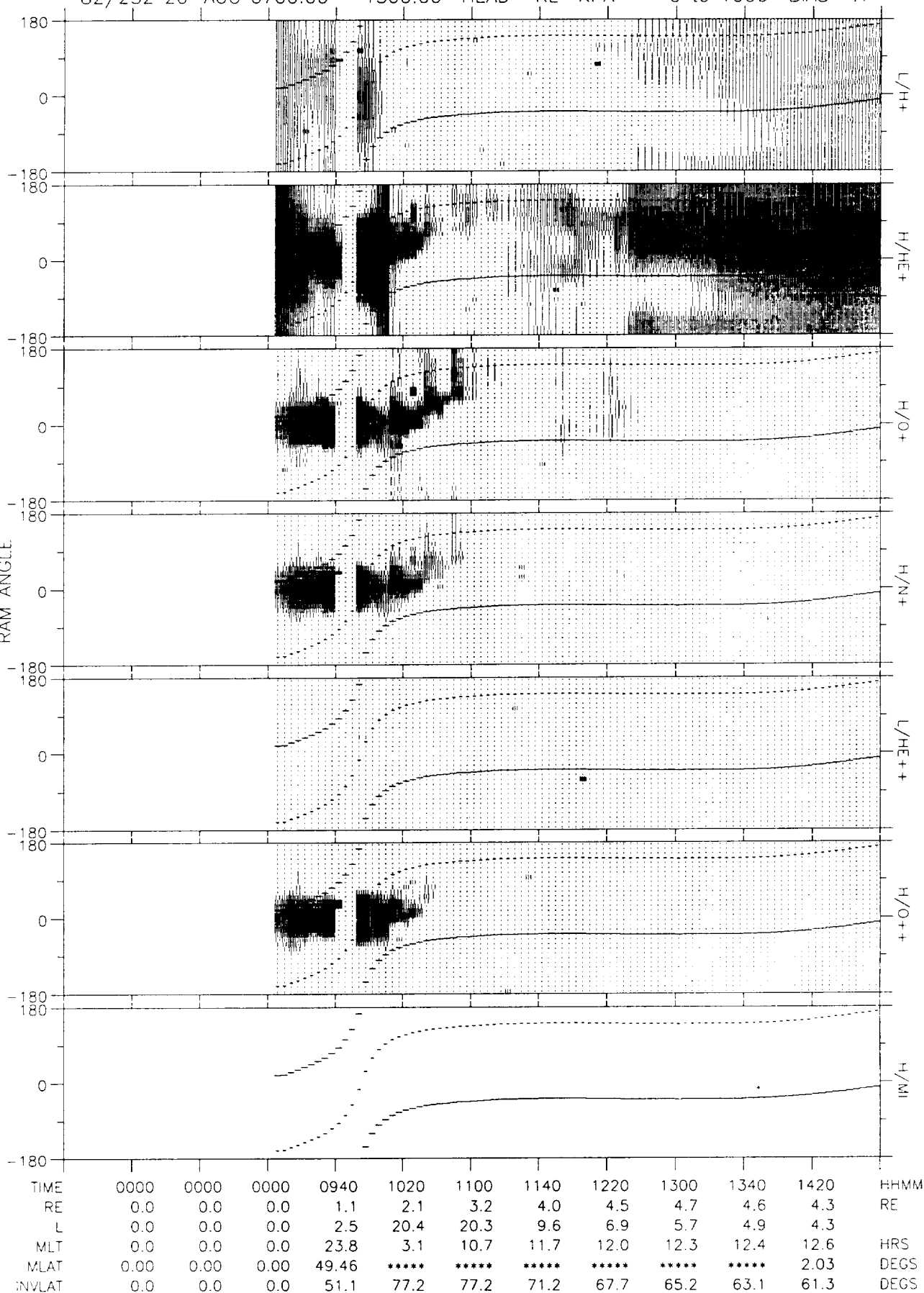
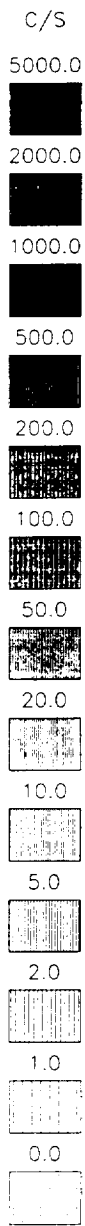
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Mon Oct 25 20:20:01 1993

82/232 20-AUG 0015:00 - 0815:00 HEAD= RL RPA= 0 to 1000 BIAS= A



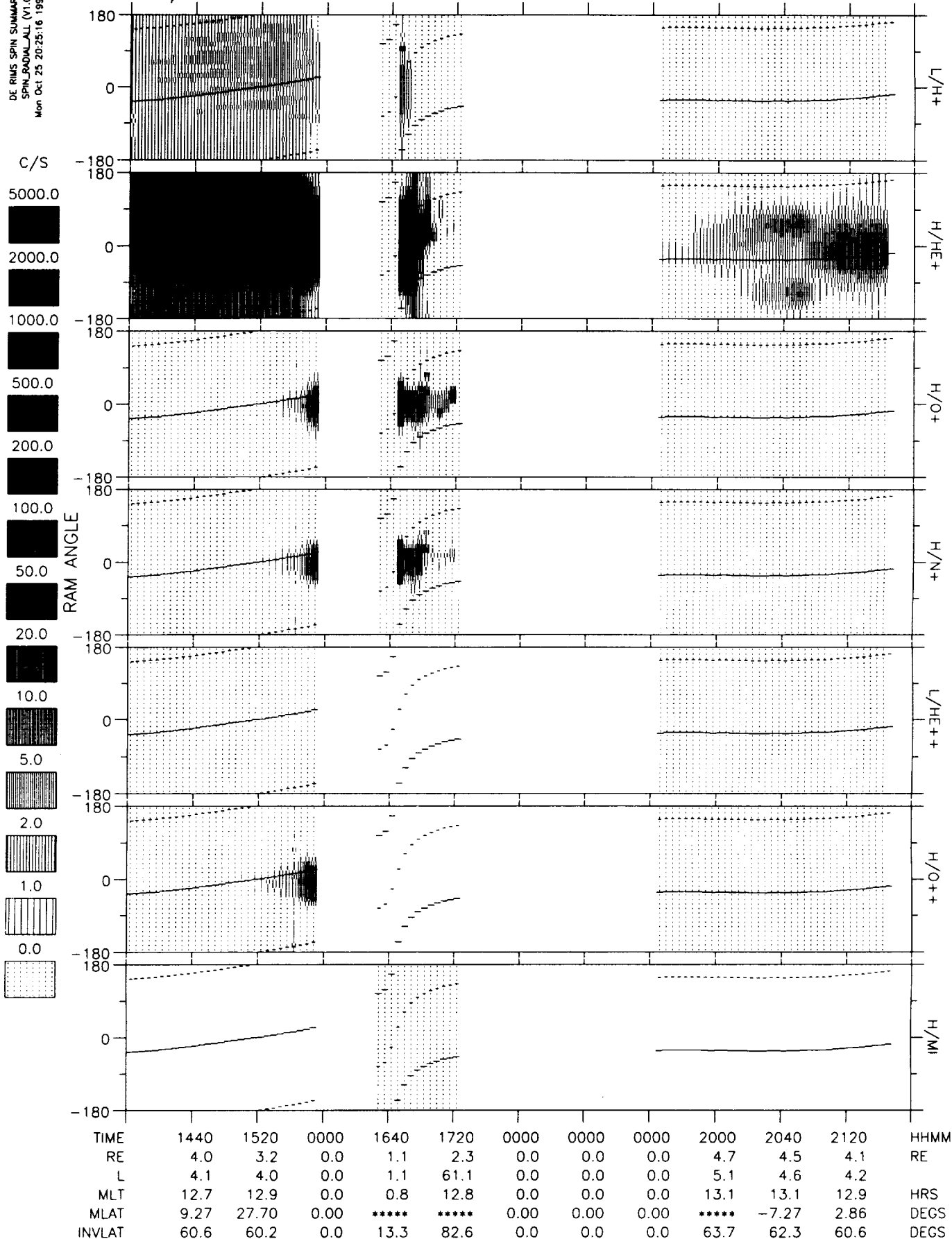
DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Mon Oct 25 20:22:40 1993

82/232 20-AUG 0700:00 - 1500:00 HEAD= RL RPA= 0 to 1000 BIAS= A



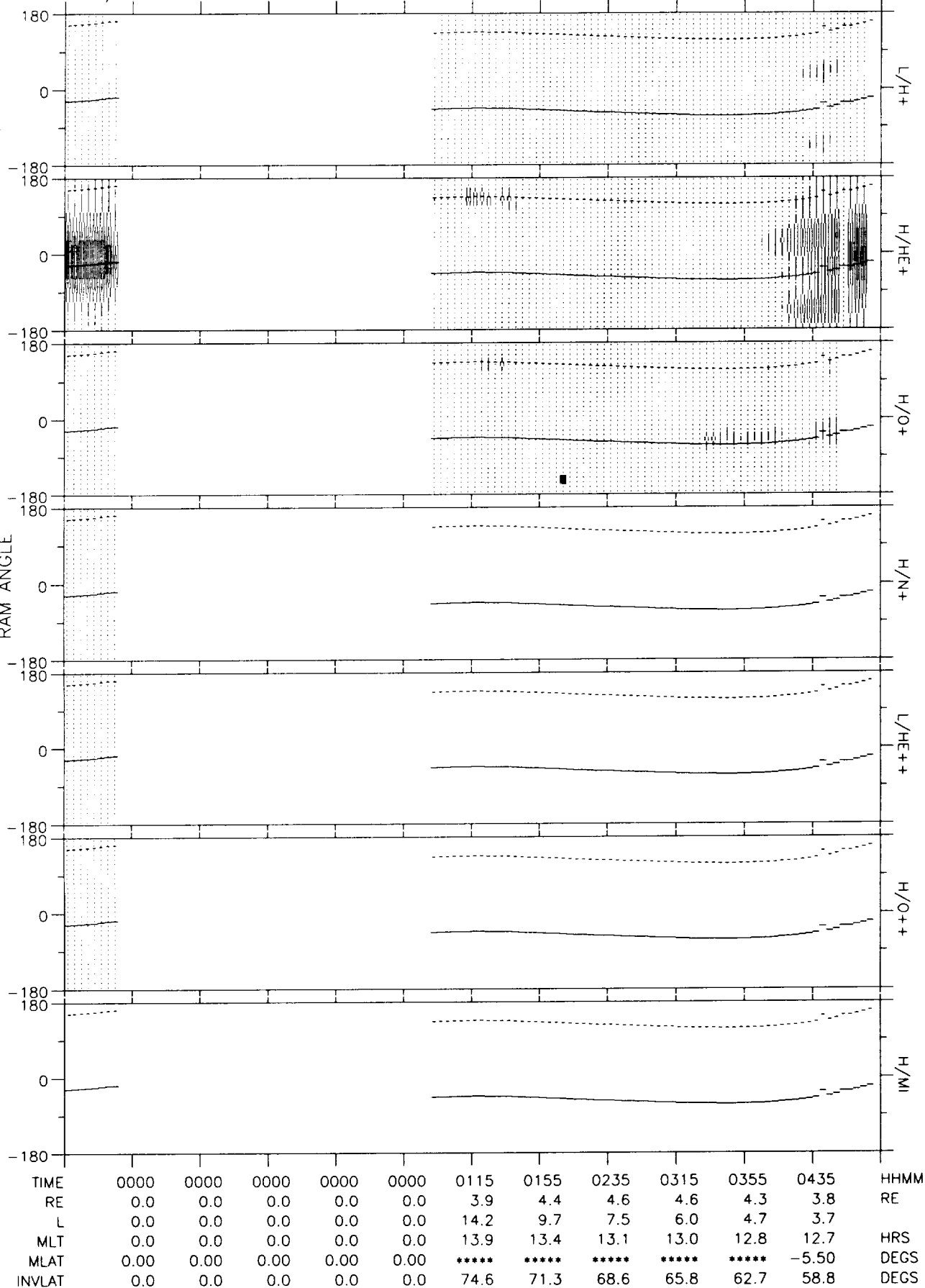
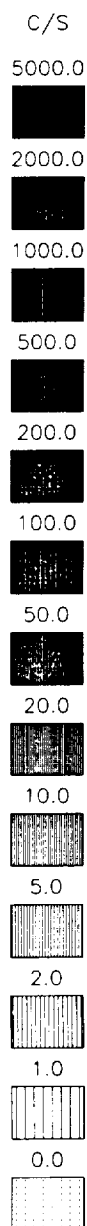
DE RIMS SPIN SUMMARY
SPIN_R00M_ALL (V1.0)
Mon Oct 25 20:25:16 1993

82/232 20-AUG 1400:00 - 2200:00 HEAD= RL RPA= 0 to 1000 BIAS= A



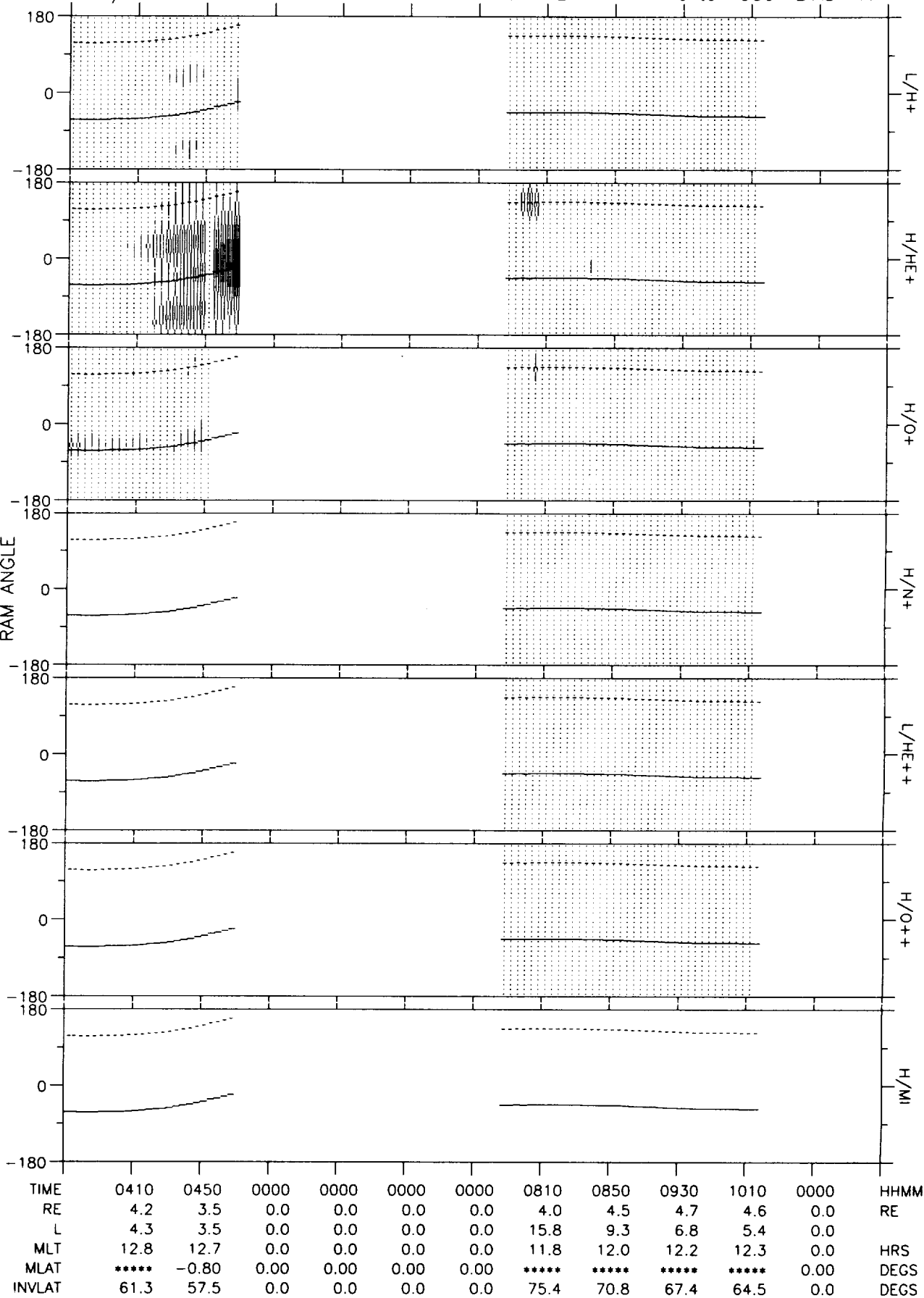
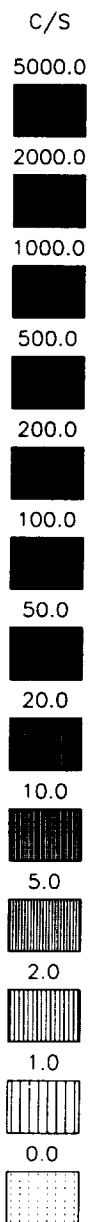
DE RUS SPIN SUMMARY
SPIN RADIAL LALL (V1.0)
Mon Oct 25 20:27:31 1993

82/232 20-AUG 2115:00 - 0515:00 HEAD= RL RPA= 0 to 1000 BIAS= A



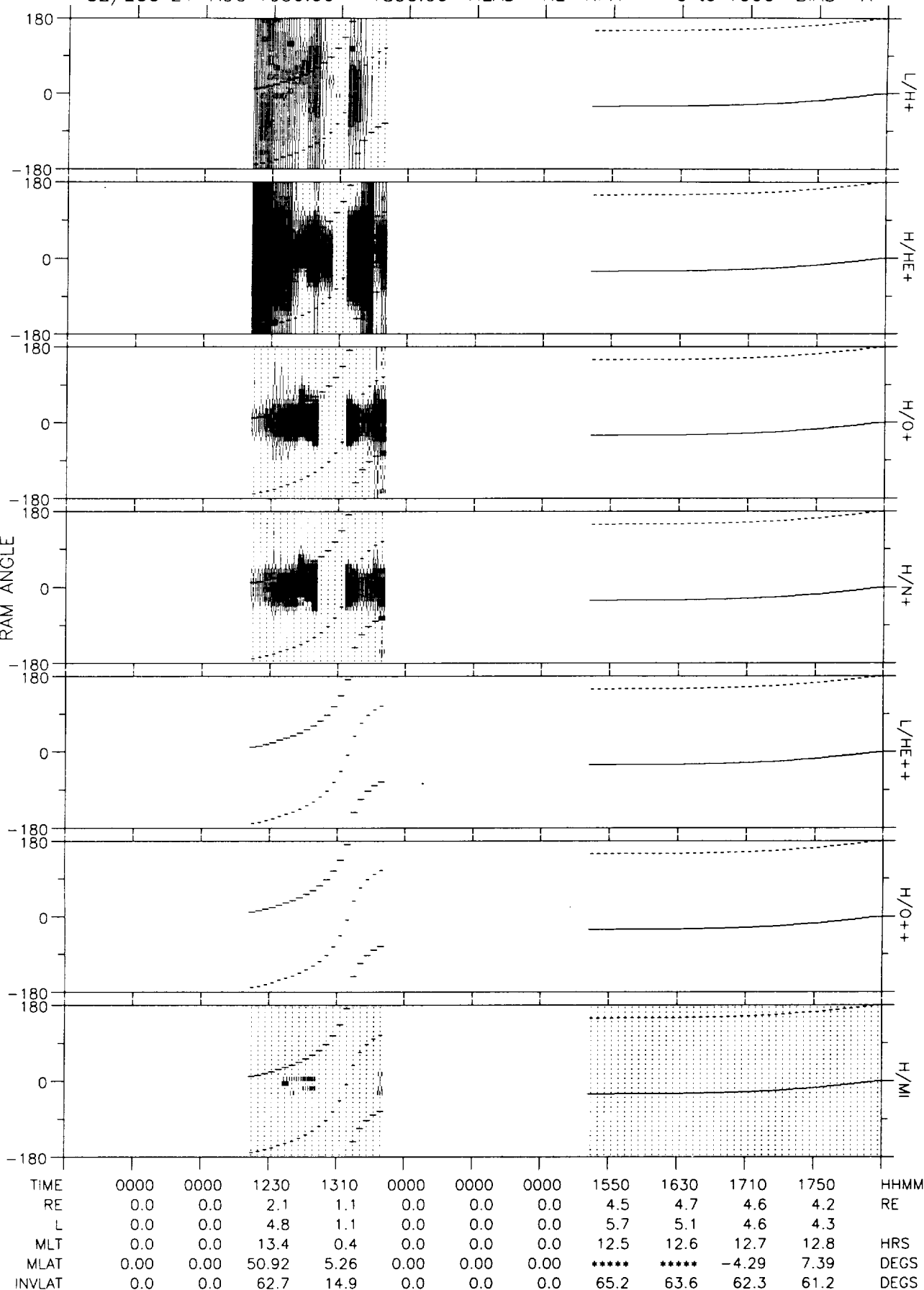
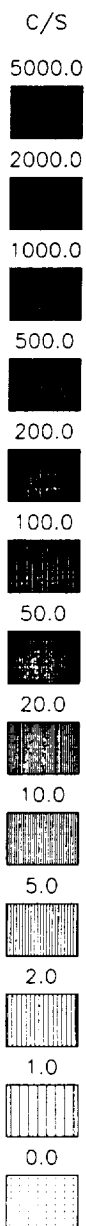
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Mon Oct 25 20:33:12 1993

82/233 21-AUG 0330:00 - 1130:00 HEAD= RL RPA= 0 to 1000 BIAS= A



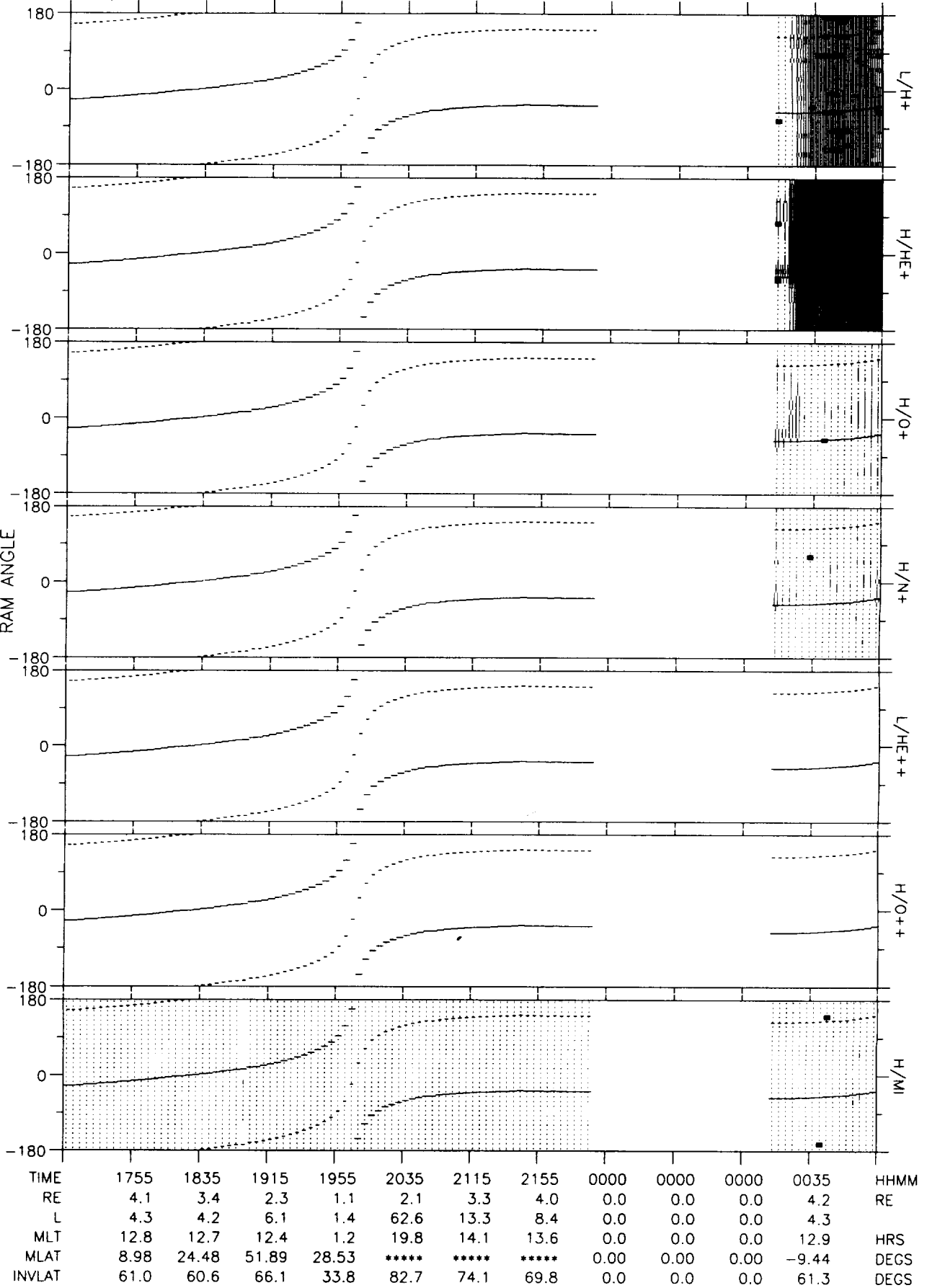
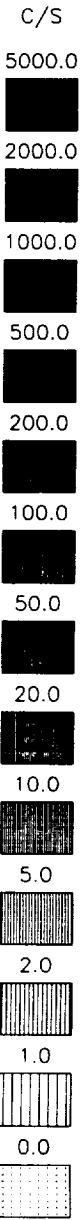
DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Mon Oct 25 20:34:49 1993

82/233 21-AUG 1030:00 - 1830:00 HEAD= RL RPA= 0 to 1000 BIAS= A



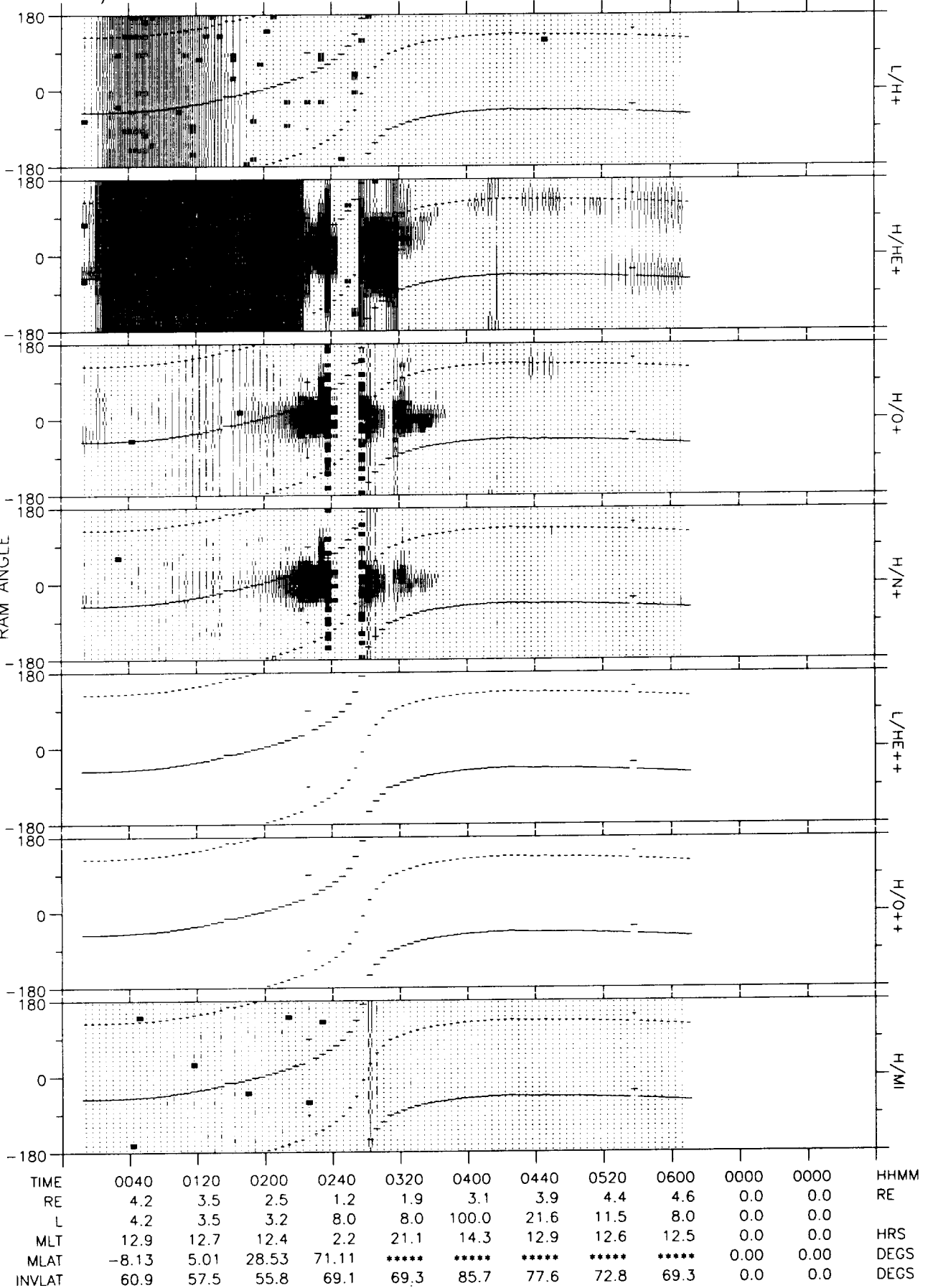
DE RMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Tue Oct 26 10:47:09 1993

82/233 21-AUG 1715:00 - 0115:00 HEAD= RL RPA= 0 to 1000 BIAS= A



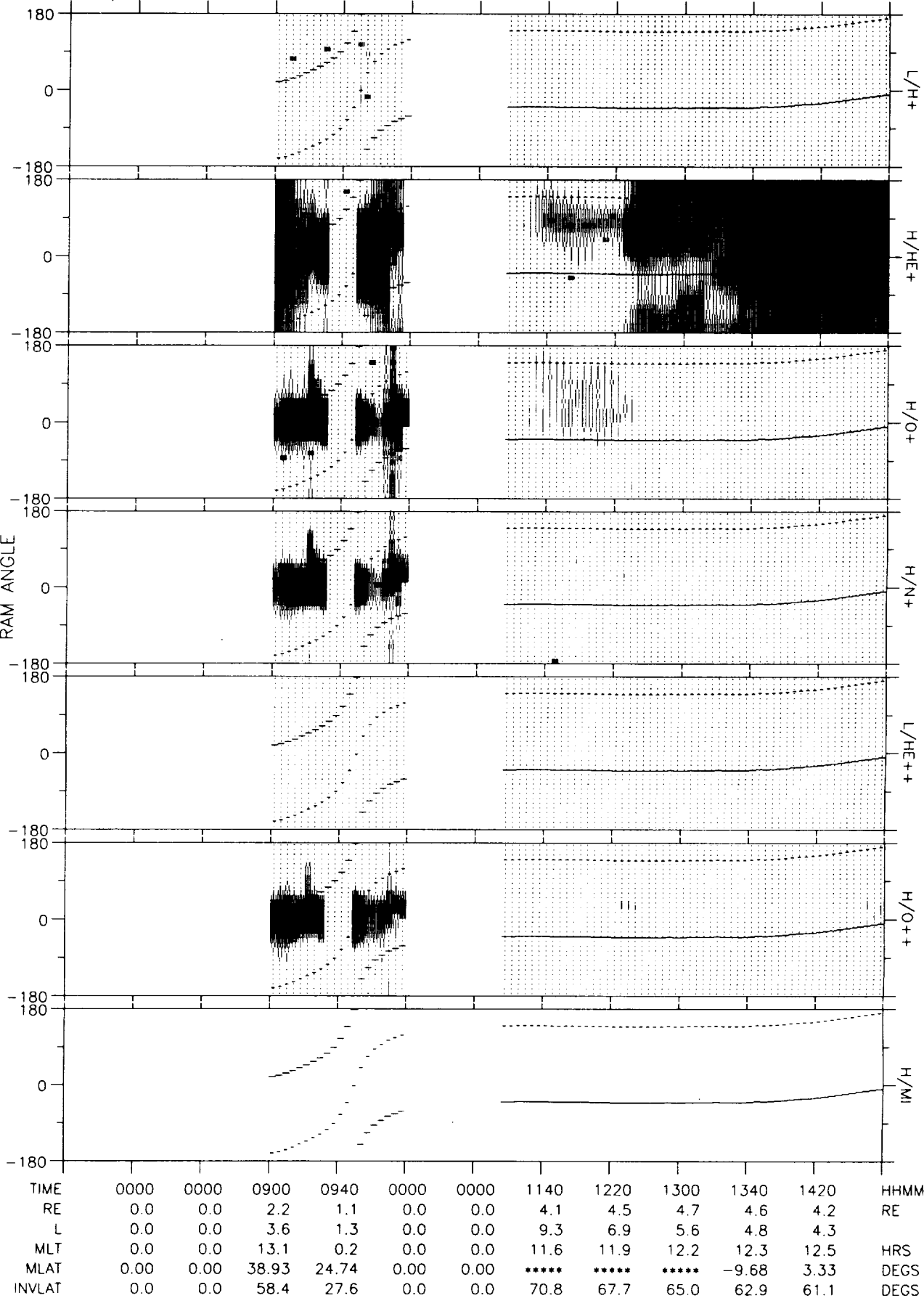
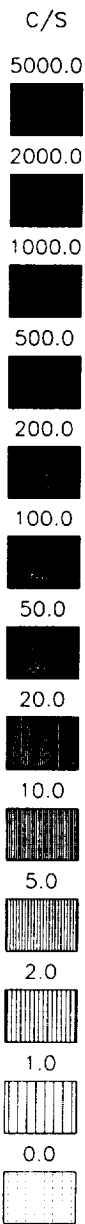
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Tue Oct 26 10:48:42 1993

82/234 22--AUG 0000:00 - 0800:00 HEAD= RL RPA= 0 to 1000 BIAS= A



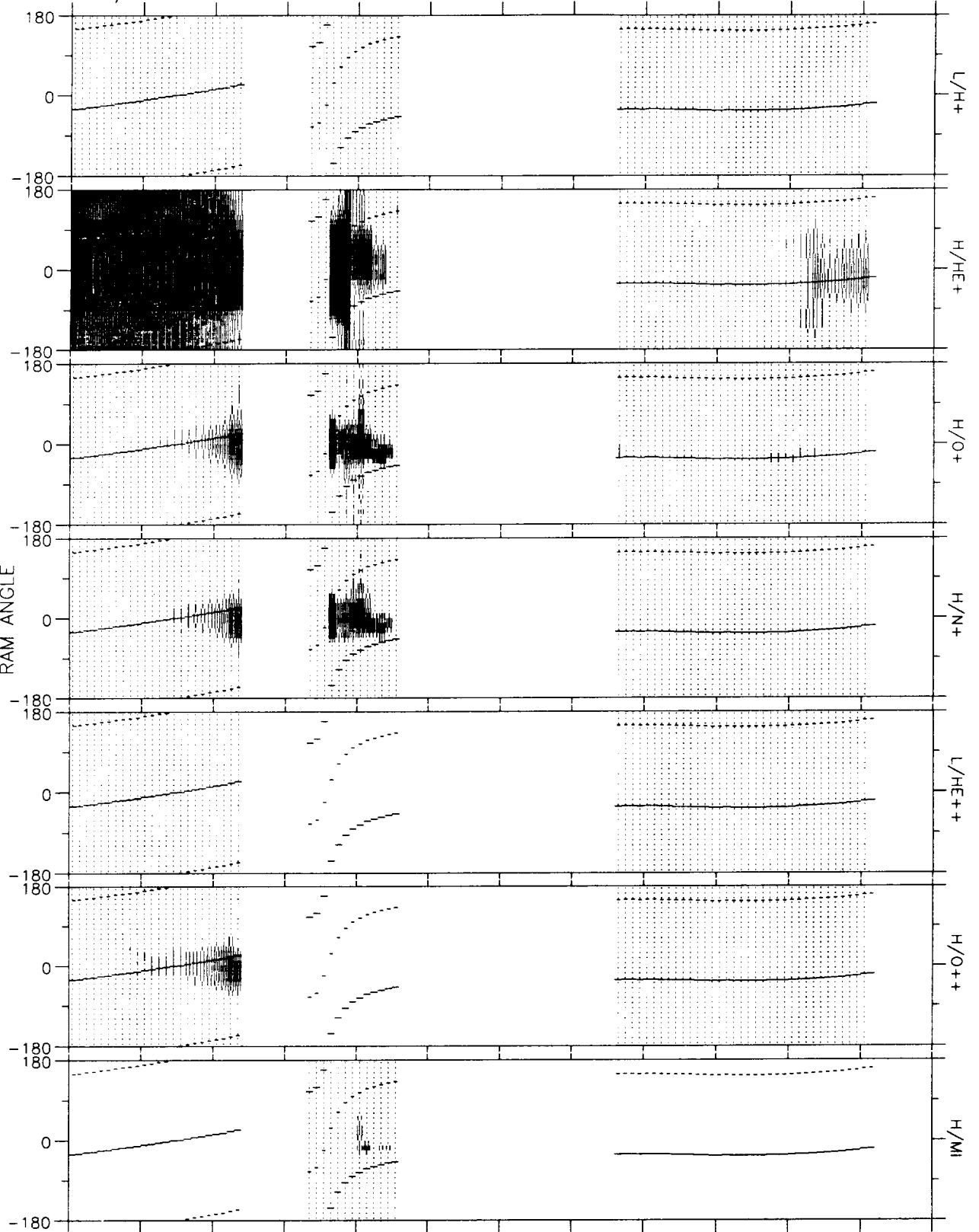
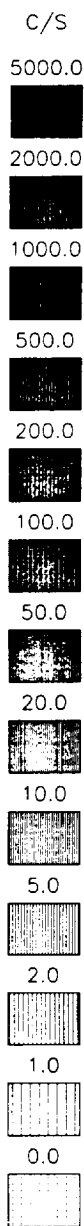
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Tue Oct 26 10:51:03 1993

82/234 22-AUG 0700:00 - 1500:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN-PADUALALL (V1.0)
Tue Oct 26 10:53:19 1993

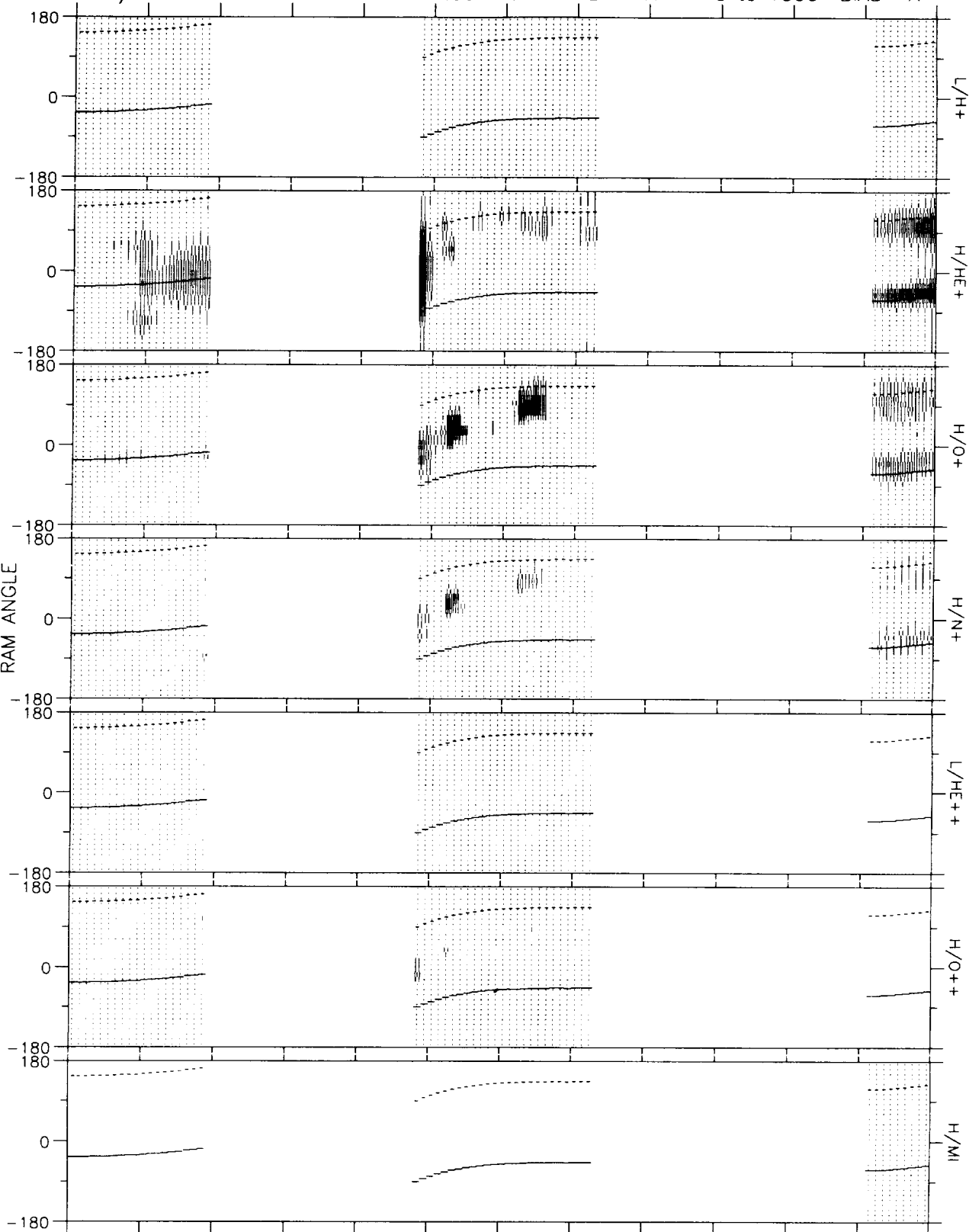
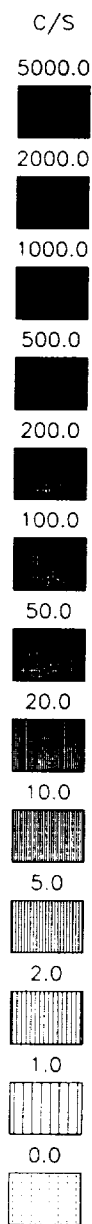
82/234 22-AUG 1415:00 - 2215:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1455	1535	0000	1655	0000	0000	0000	1935	2015	2055	2135	HHMM
RE	3.6	2.7	0.0	1.7	0.0	0.0	0.0	4.6	4.6	4.4	3.8	RE
L	4.0	4.5	0.0	25.4	0.0	0.0	0.0	5.4	4.9	4.4	3.9	
MLT	12.6	12.8	0.0	0.9	0.0	0.0	0.0	13.0	13.0	12.9	12.7	HRS
MLAT	17.14	40.89	0.00	*****	0.00	0.00	0.00	*****	*****	-3.10	8.28	DEGS
INVLAT	60.0	61.9	0.0	78.5	0.0	0.0	0.0	64.4	63.1	61.5	59.5	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Tue Oct 26 10:55:20 1993

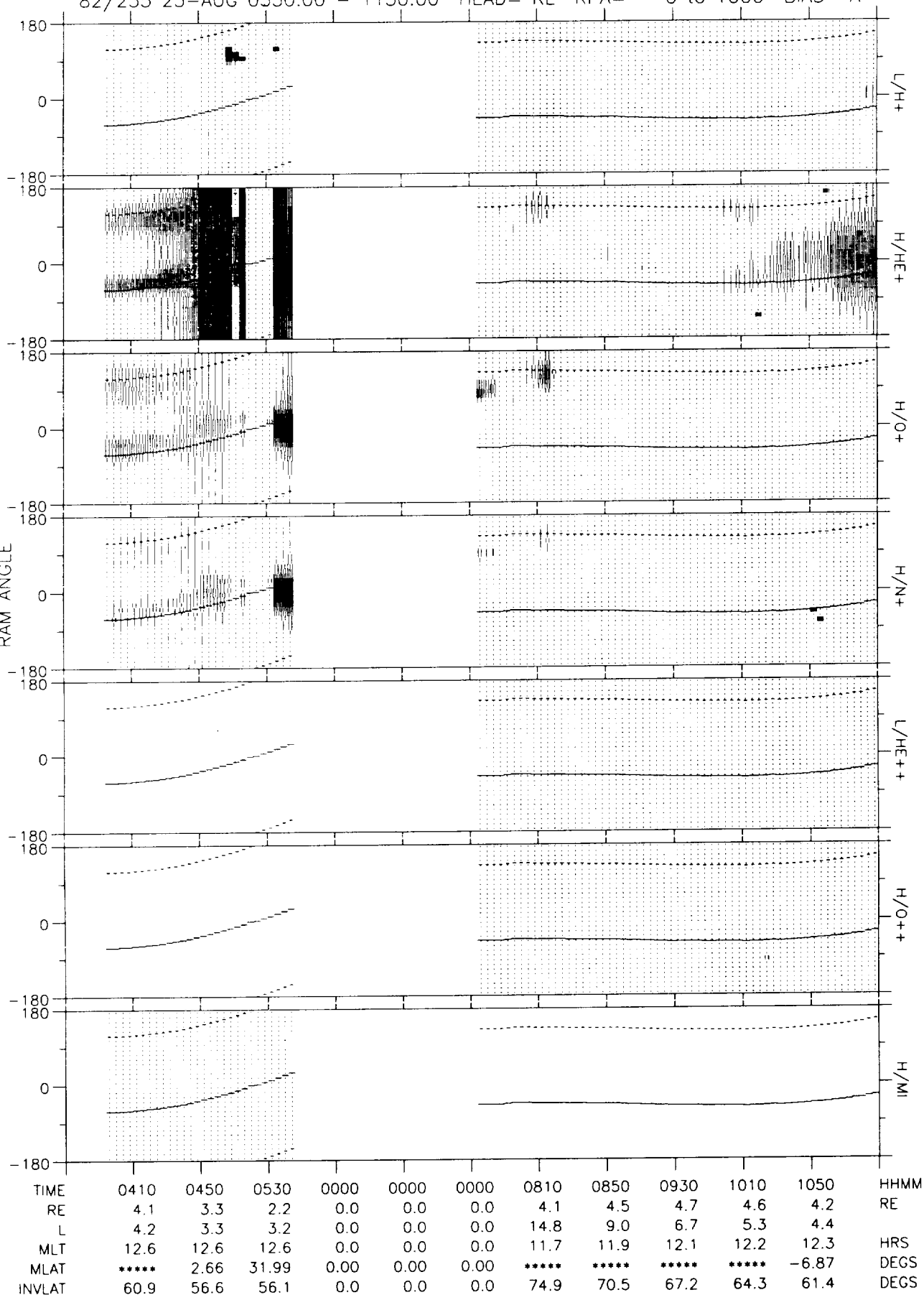
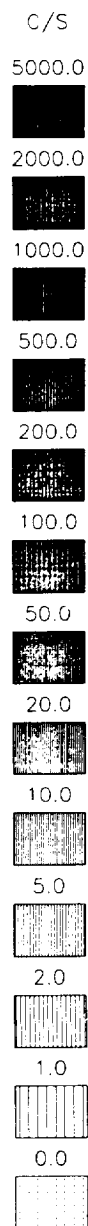
82/234 22-AUG 2030:00 - 0430:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	2110	0000	0000	0000	2350	0030	0110	0000	0000	0000	0000	HHMM
RE	4.2	0.0	0.0	0.0	1.9	3.1	3.9	0.0	0.0	0.0	0.0	RE
L	4.2	0.0	0.0	0.0	9.6	36.9	14.8	0.0	0.0	0.0	0.0	
MLT	12.8	0.0	0.0	0.0	23.1	15.2	13.8	0.0	0.0	0.0	0.0	HRS
MLAT	0.82	0.00	0.00	0.00	*****	*****	*****	0.00	0.00	0.00	0.00	DEGS
INVLAT	60.8	0.0	0.0	0.0	71.2	80.5	74.9	0.0	0.0	0.0	0.0	DEGS

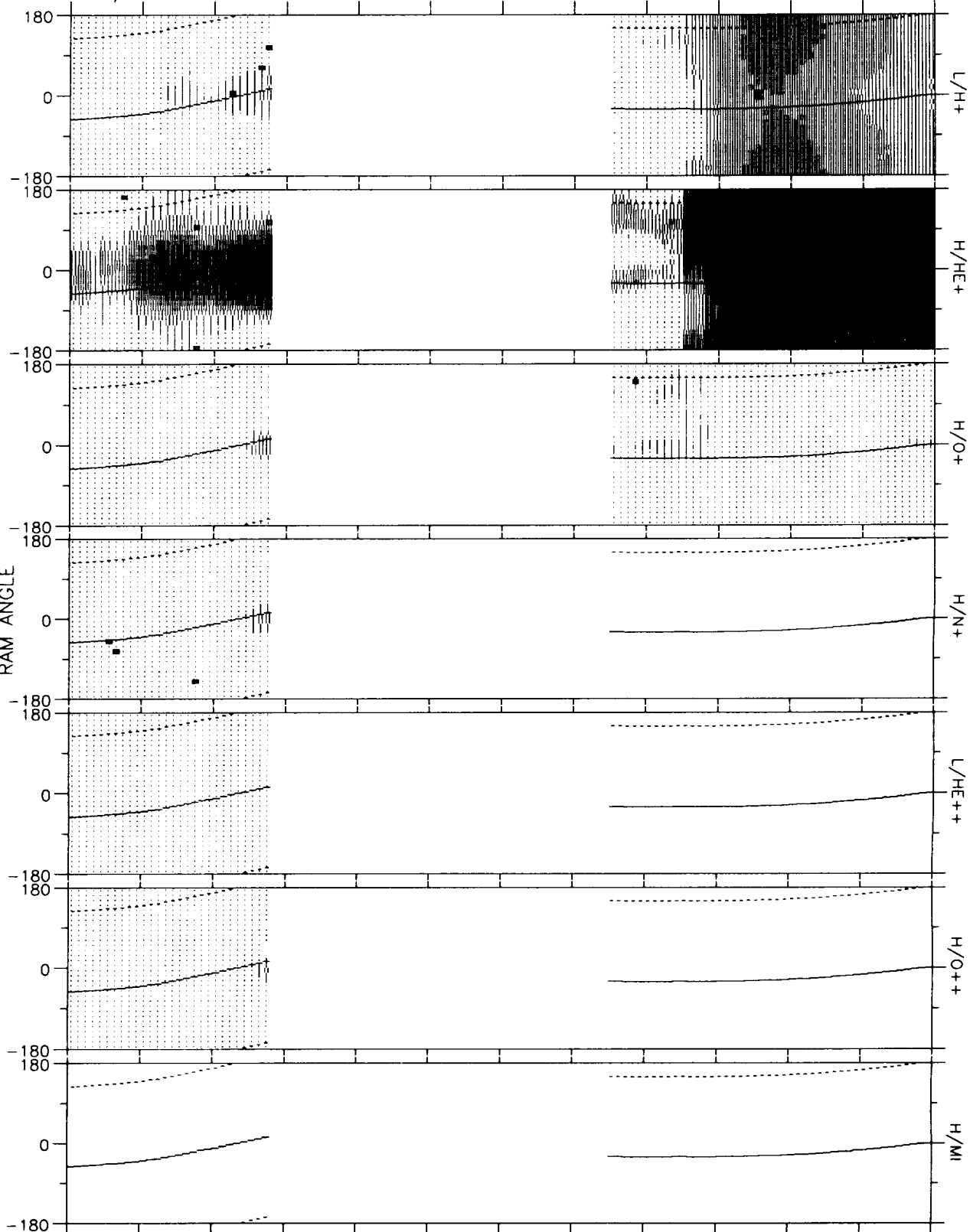
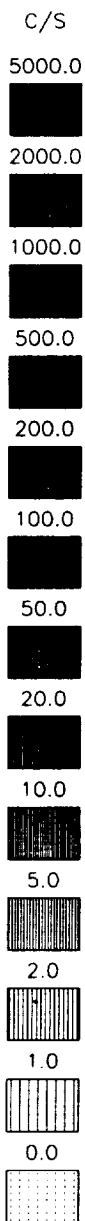
DE RIMS SPIN SUMMARY
SPIN-RAD/ALL (V1.0)
Tue Oct 26 10 56 52 1993

82/235 23-AUG 0330:00 - 1130:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Tue Oct 26 10:58:53 1993

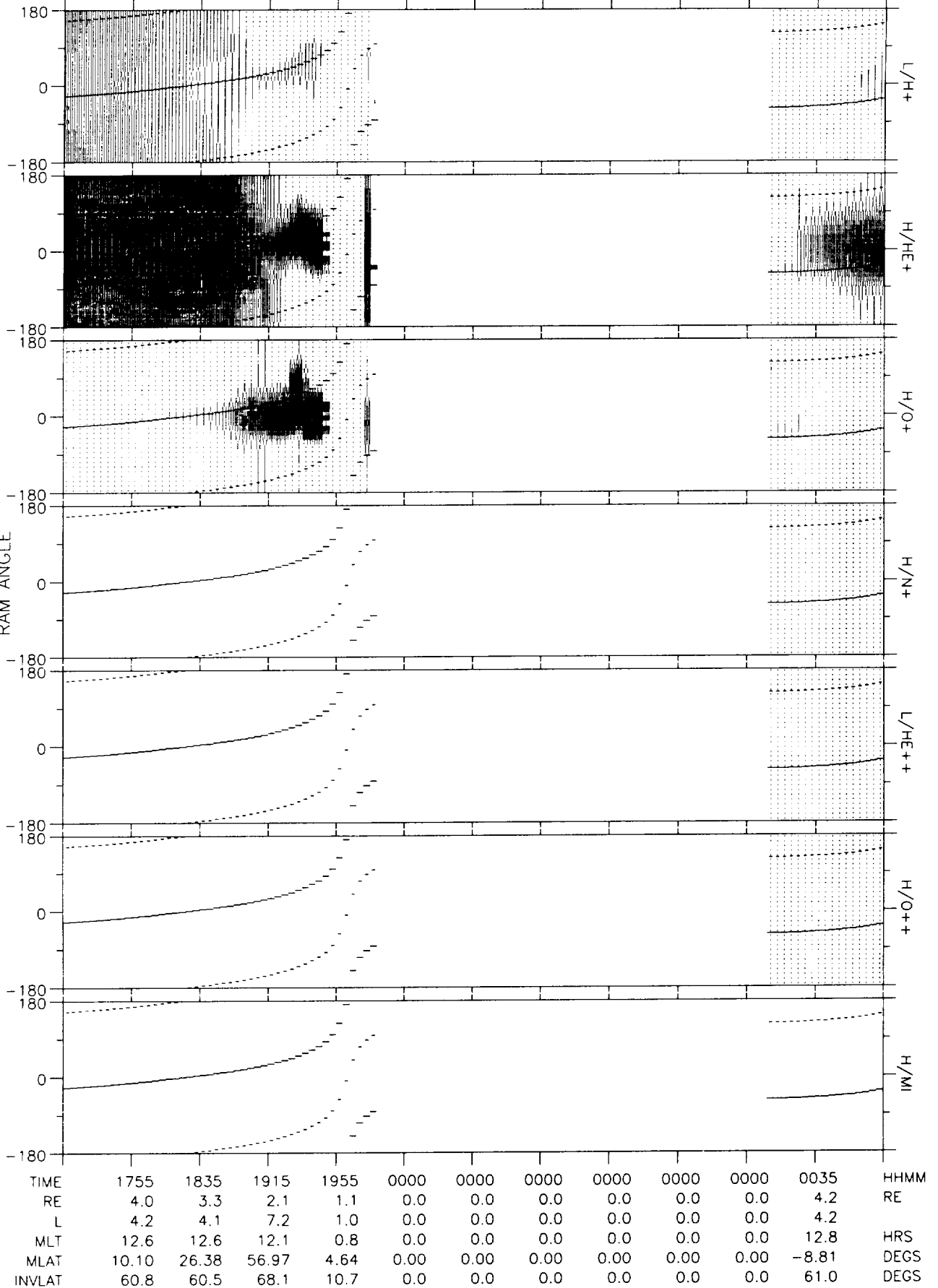
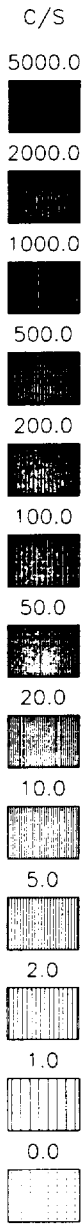
82/235 23-AUG 1030:00 - 1830:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1110	1150	0000	0000	0000	0000	0000	1550	1630	1710	1750	HHMM
RE	3.9	3.1	0.0	0.0	0.0	0.0	0.0	4.6	4.7	4.5	4.1	RE
L	4.0	3.5	0.0	0.0	0.0	0.0	0.0	5.7	5.0	4.6	4.2	
MLT	12.4	12.7	0.0	0.0	0.0	0.0	0.0	12.4	12.5	12.6	12.6	HRS
MLAT	0.74	20.38	0.00	0.00	0.00	0.00	0.00	*****	*****	-3.49	8.41	DEGS
INVLAT	59.9	57.6	0.0	0.0	0.0	0.0	0.0	65.1	63.5	62.2	61.0	DEGS

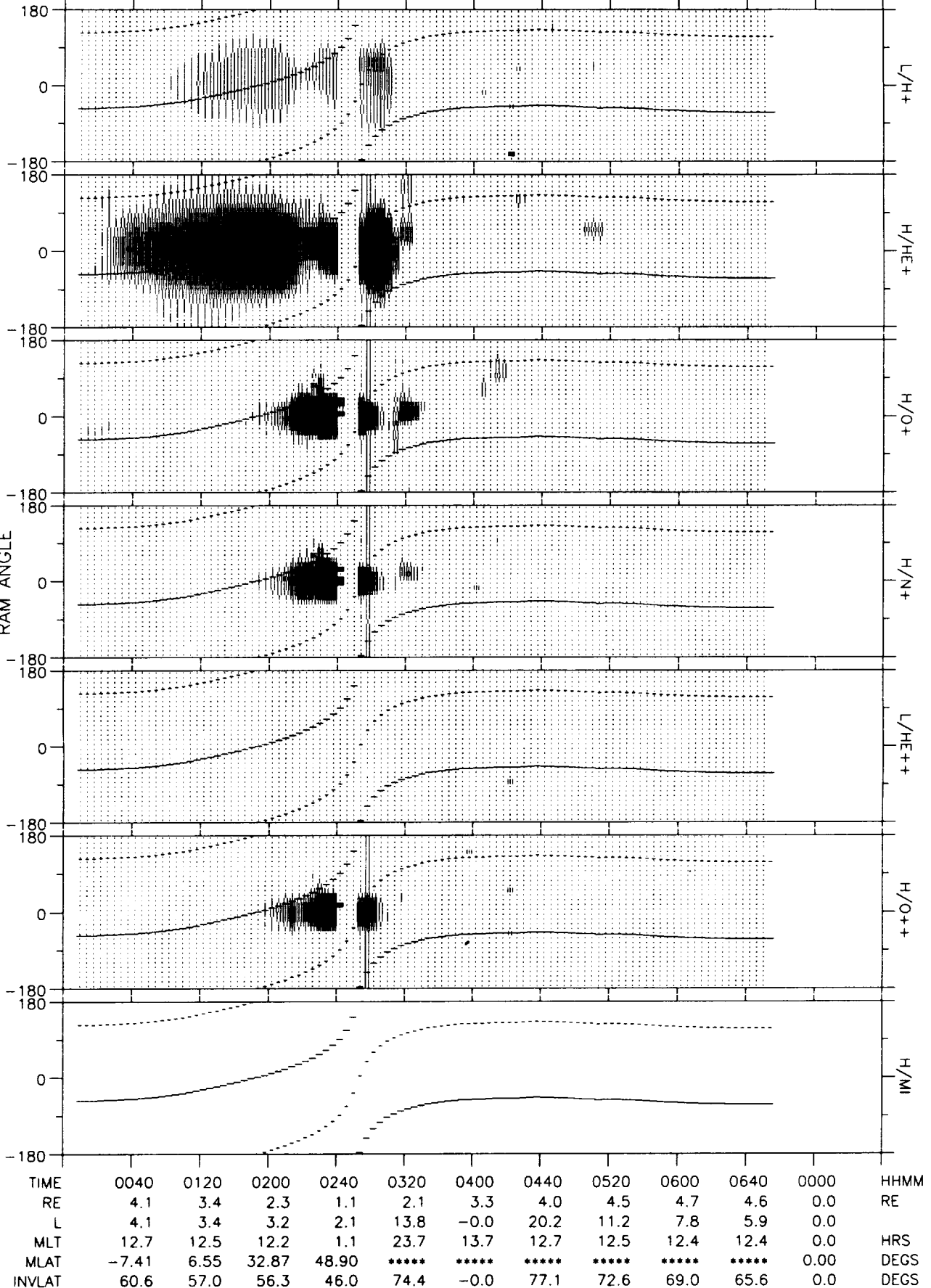
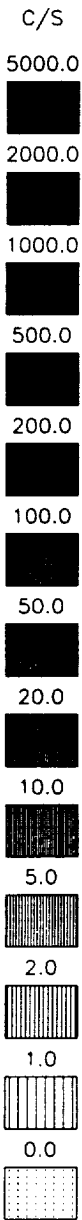
DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Tue Oct 26 11:00:52 1993

82/235 23-AUG 1715:00 - 0115:00 HEAD= RL RPA= 0 to 1000 BIAS= A



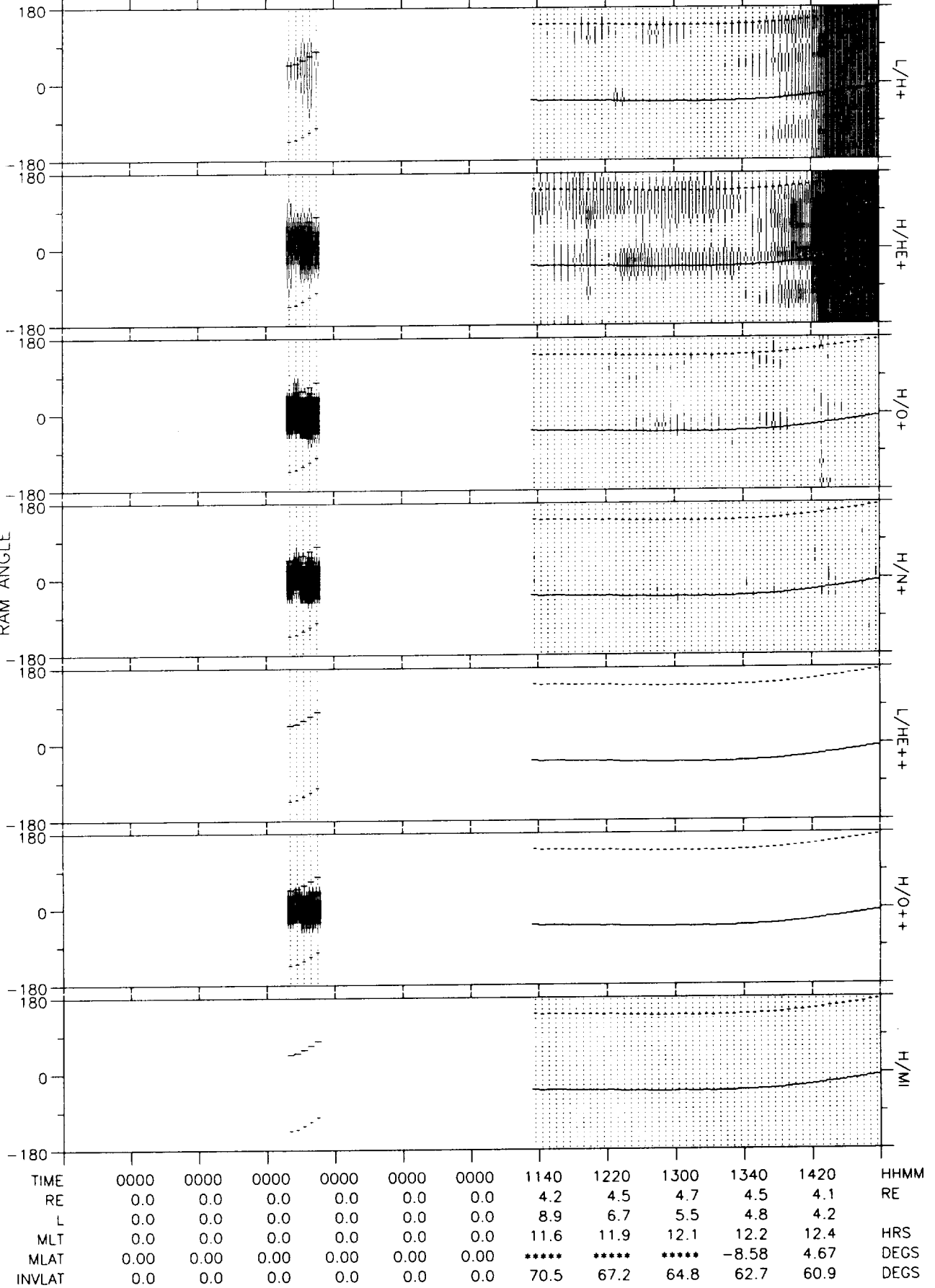
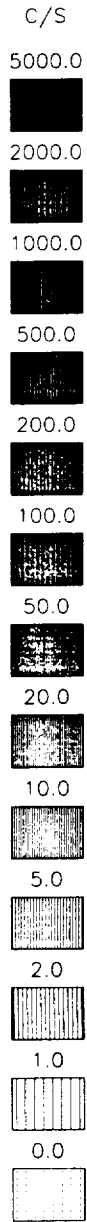
DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Tue Oct 26 11:02:42 1993

82/236 24-AUG 0000:00 - 0800:00 HEAD= RL RPA= 0 to 1000 BIAS= A



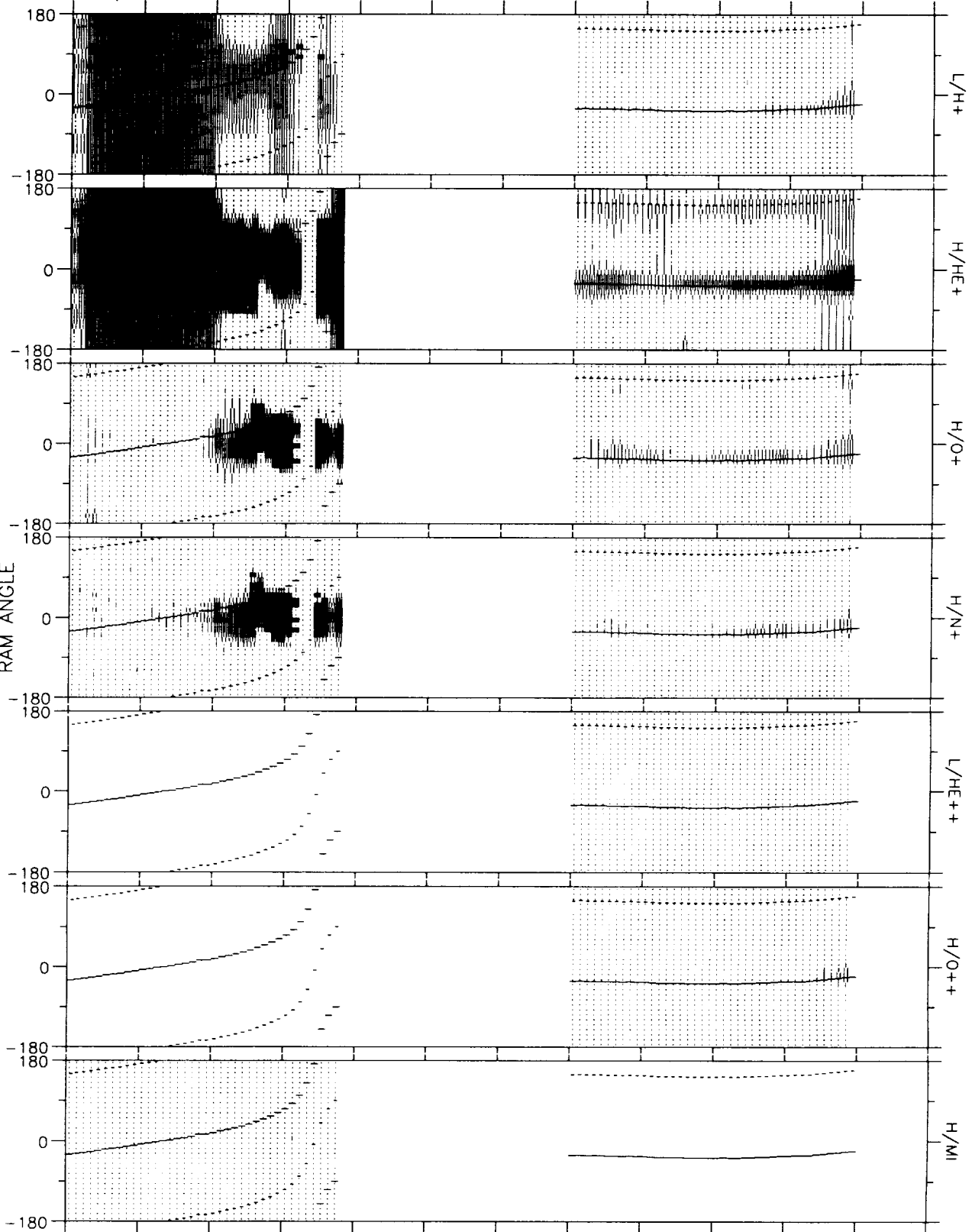
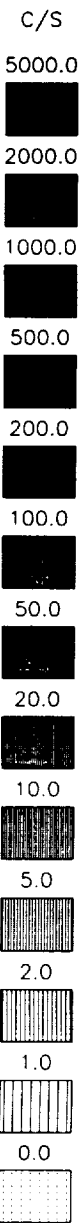
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Tue Oct 26 11:04:56 1993

82/236 24-AUG 0700:00 - 1500:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Tue Oct 26 11:06:43 1993

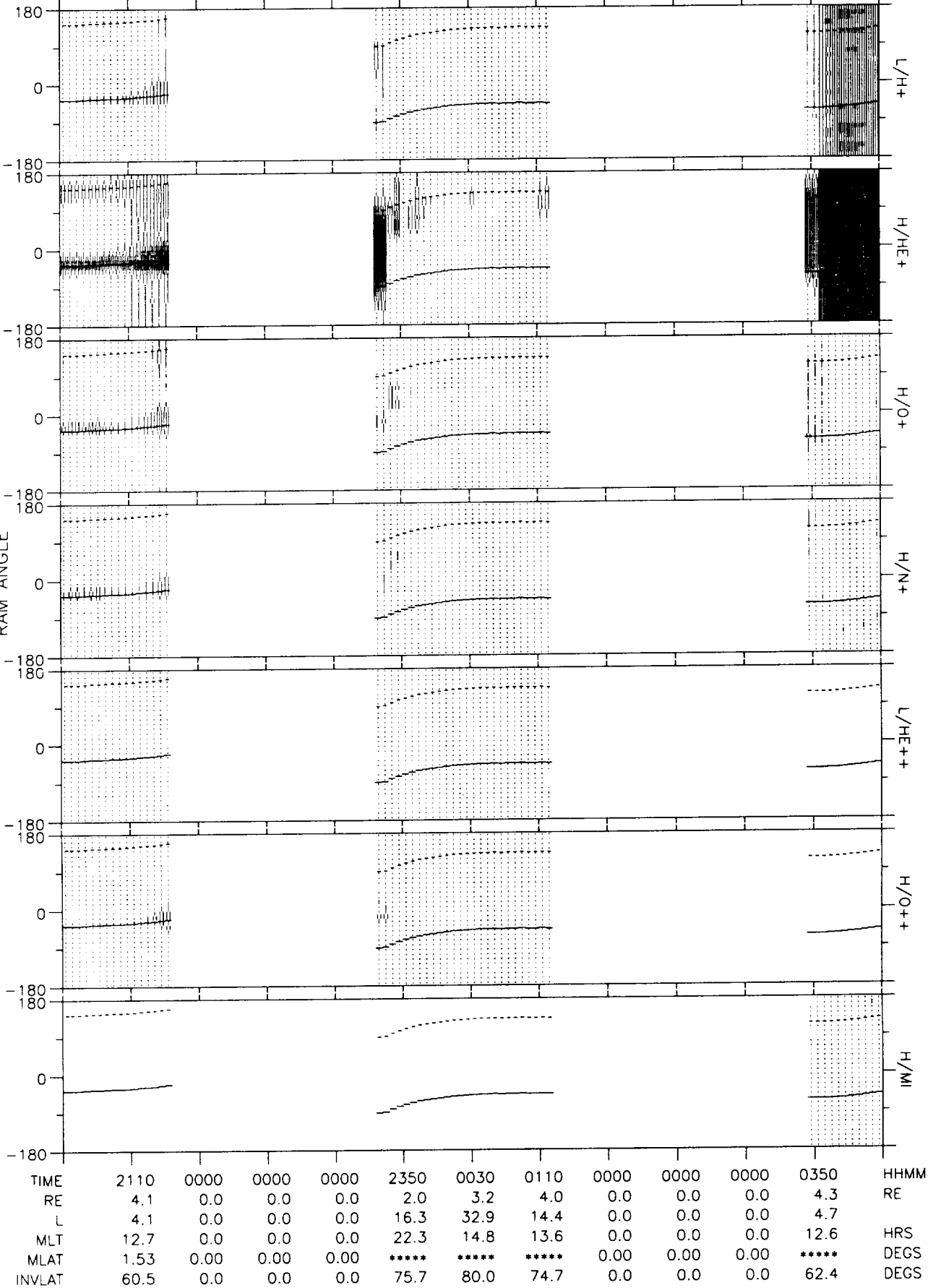
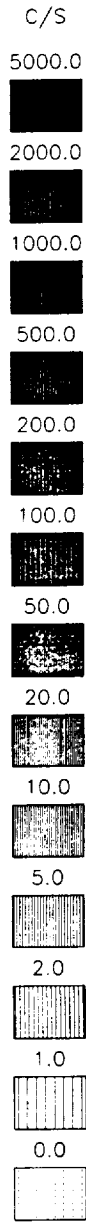
82/236 24-AUG 1415:00 - 2215:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1455	1535	1615	0000	0000	0000	1855	1935	2015	2055	0000	HHMM
RE	3.5	2.5	1.2	0.0	0.0	0.0	4.4	4.6	4.6	4.3	0.0	RE
L	4.0	4.8	5.2	0.0	0.0	0.0	6.0	5.4	4.8	4.3	0.0	
MLT	12.5	12.7	0.2	0.0	0.0	0.0	12.9	12.9	12.8	12.7	0.0	HRS
MLAT	19.05	44.91	57.28	0.00	0.00	0.00	*****	*****	*****	-2.51	0.00	DEGS
INVLAT	59.8	62.8	63.9	0.0	0.0	0.0	65.9	64.4	63.0	61.3	0.0	DEGS

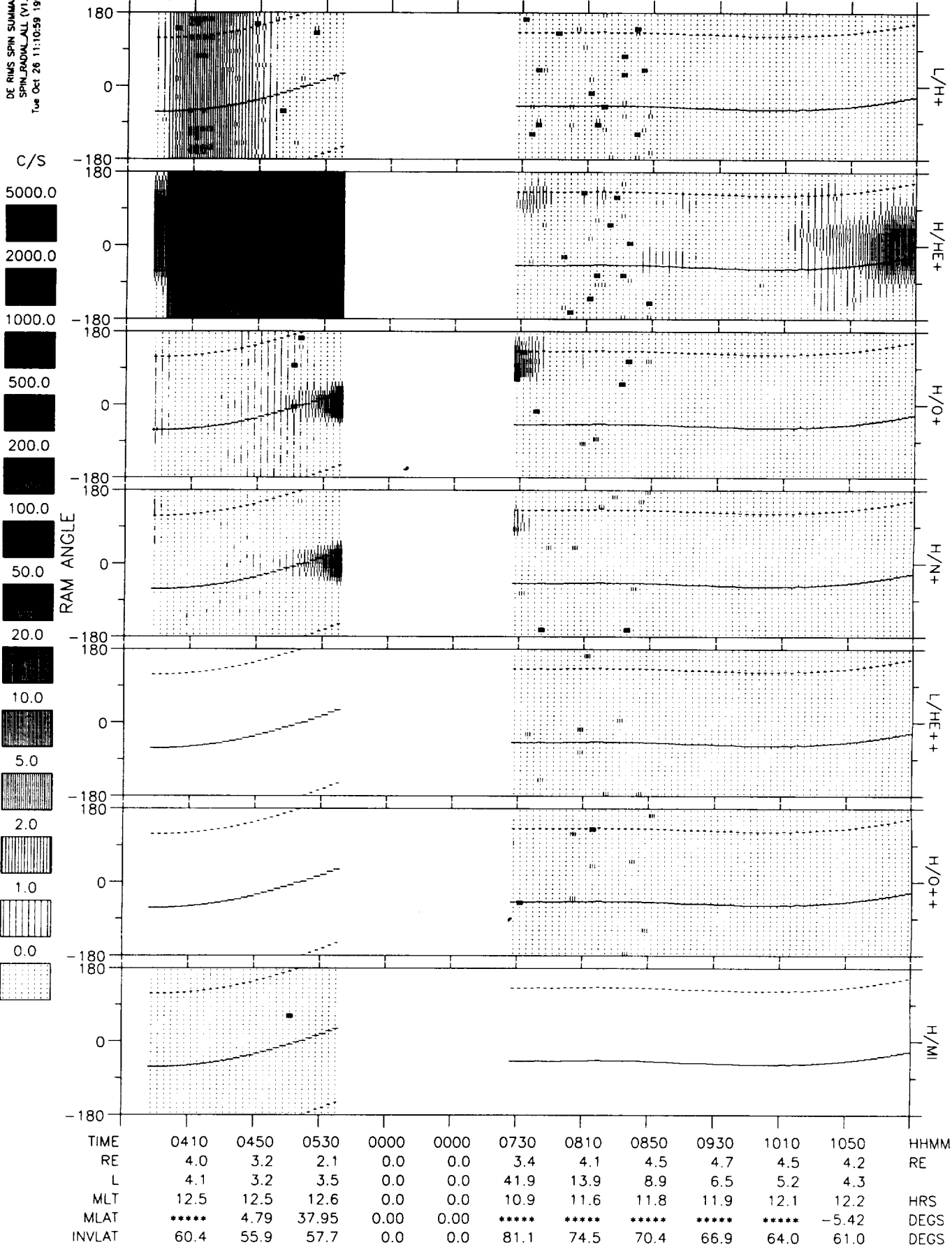
DE RIMS SPIN SUMMARY
SPIN-RADIAL ALL (V1.0)
Tue Oct 26 11:09:05 1993

82/236 24-AUG 2030:00 - 0430:00 HEAD= RL RPA= 0 to 1000 BIAS= A



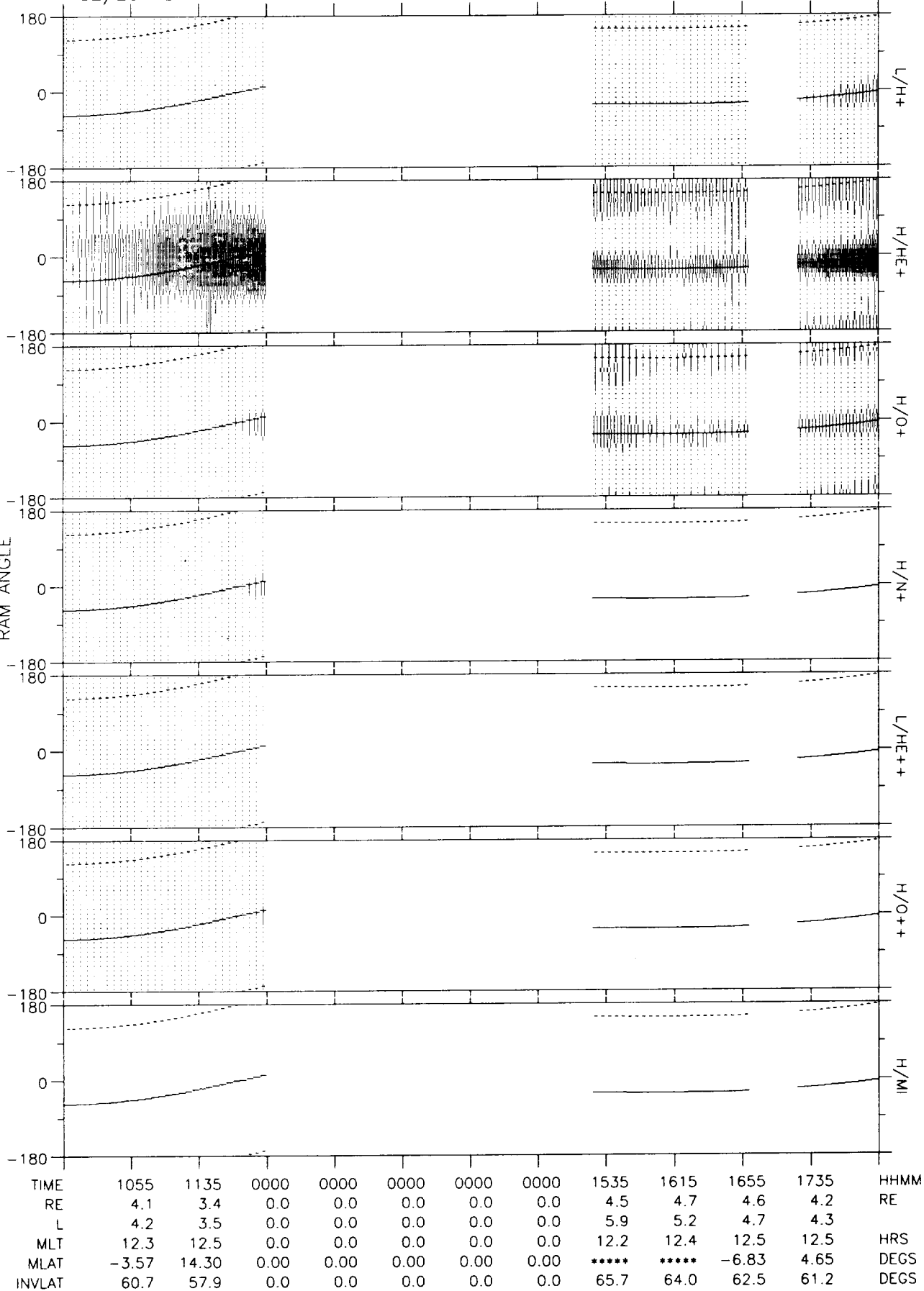
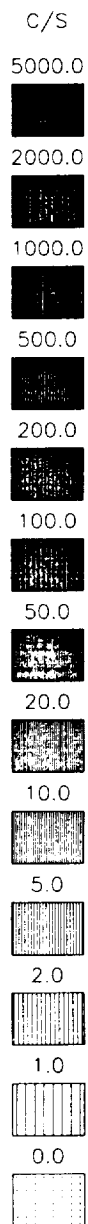
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Tue Oct 26 11:10:59 1993

82/237 25-AUG 0330:00 - 1130:00 HEAD= RL RPA= 0 to 1000 BIAS= A



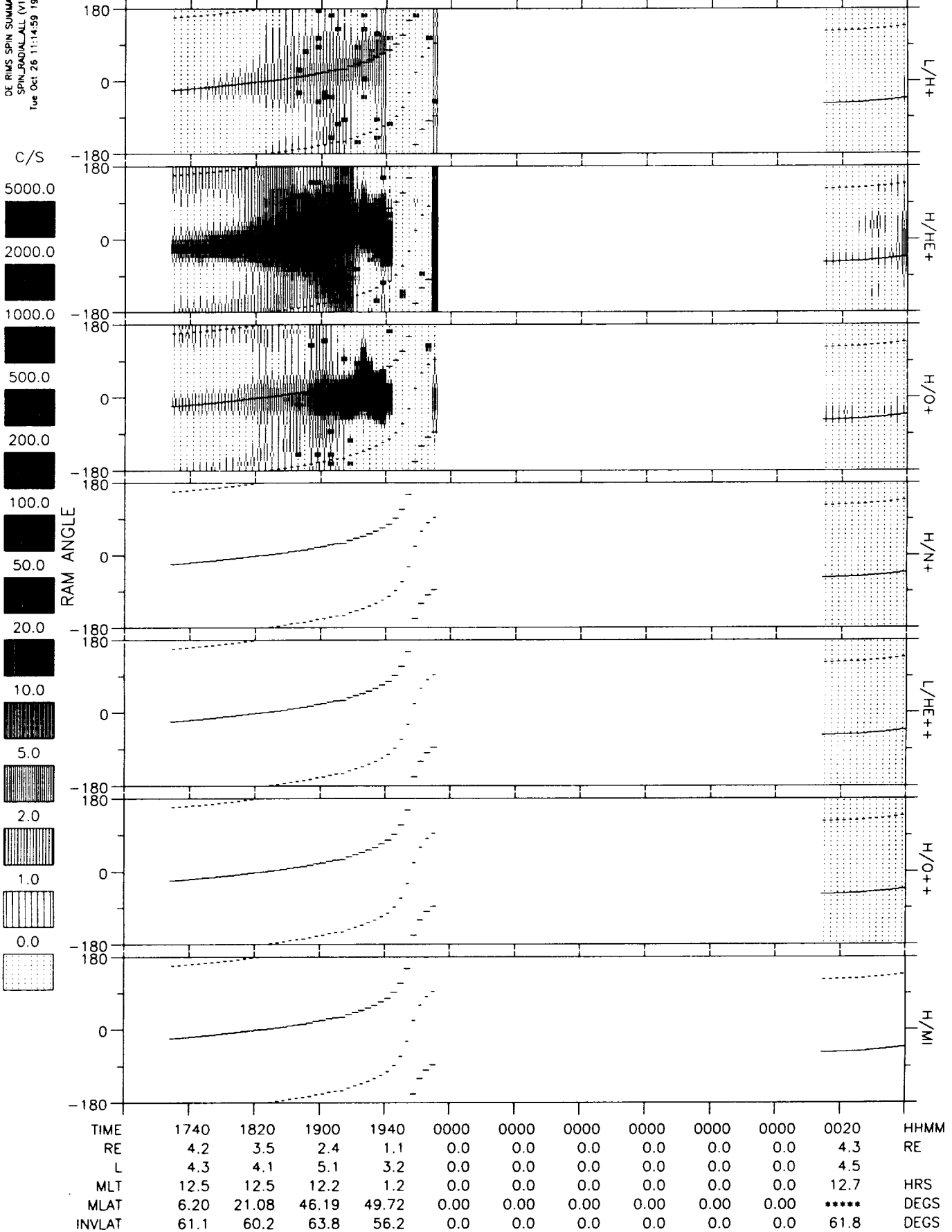
DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Tue Oct 26 11:13:20 1993

82/237 25-AUG 1015:00 - 1815:00 HEAD= RL RPA= 0 to 1000 BIAS= A



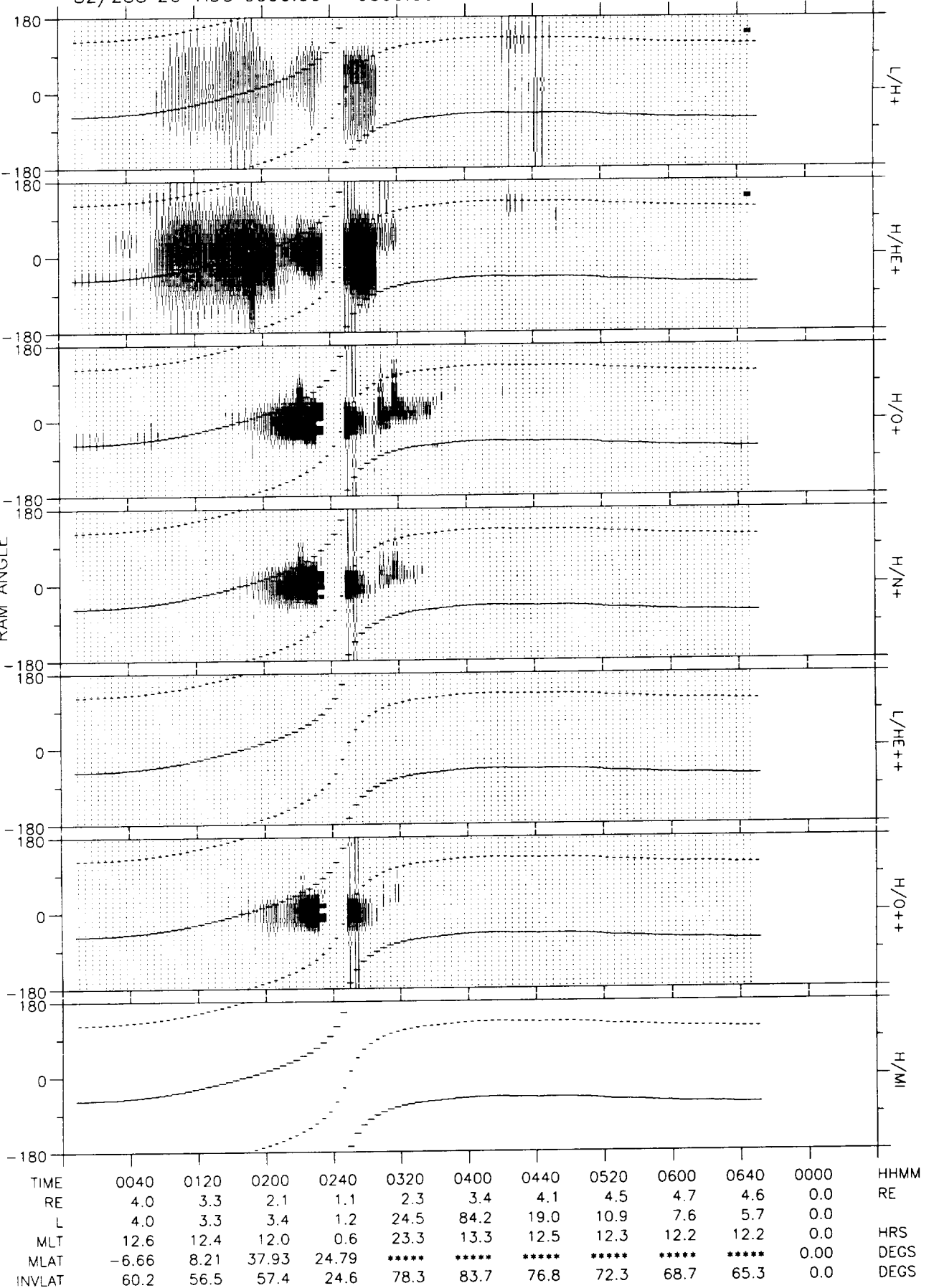
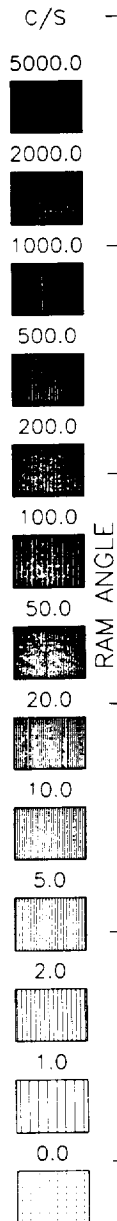
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Tue Oct 26 11:14:59 1993

82/237 25-AUG 1700:00 - 0100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



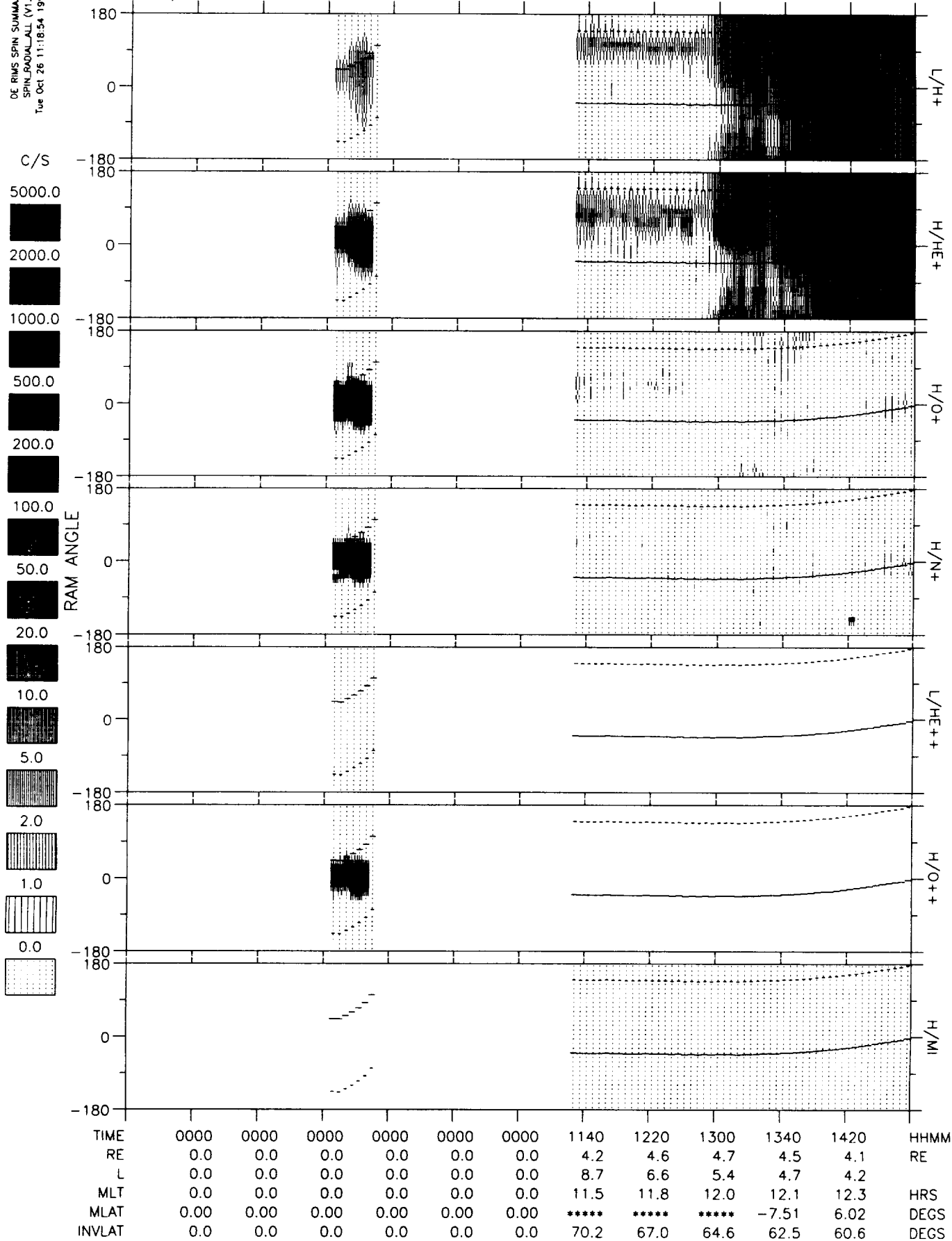
DE RMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Tue Oct 26 11:16:36 1993

82/238 26-AUG 0000:00 - 0800:00 HEAD= RL RPA= 0 to 1000 BIAS= A



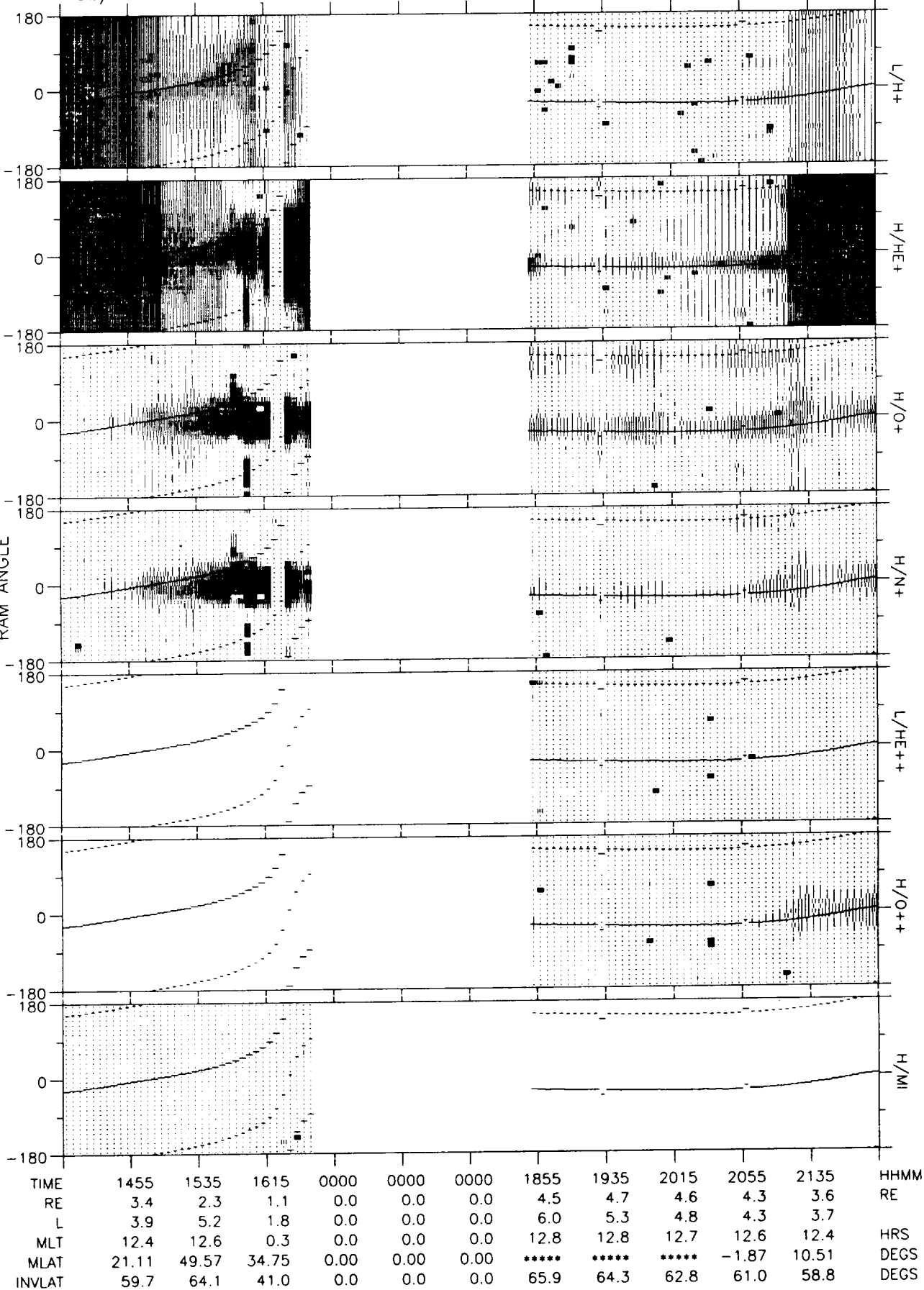
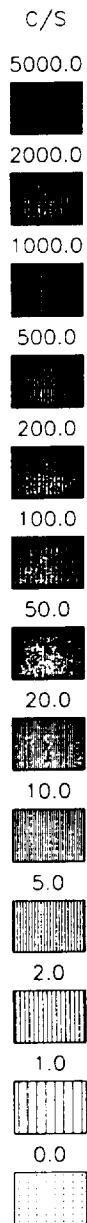
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Tue Oct 26 11:18:54 1993

82/238 26-AUG 0700:00 - 1500:00 HEAD= RL RPA= 0 to 1000 BIAS= A



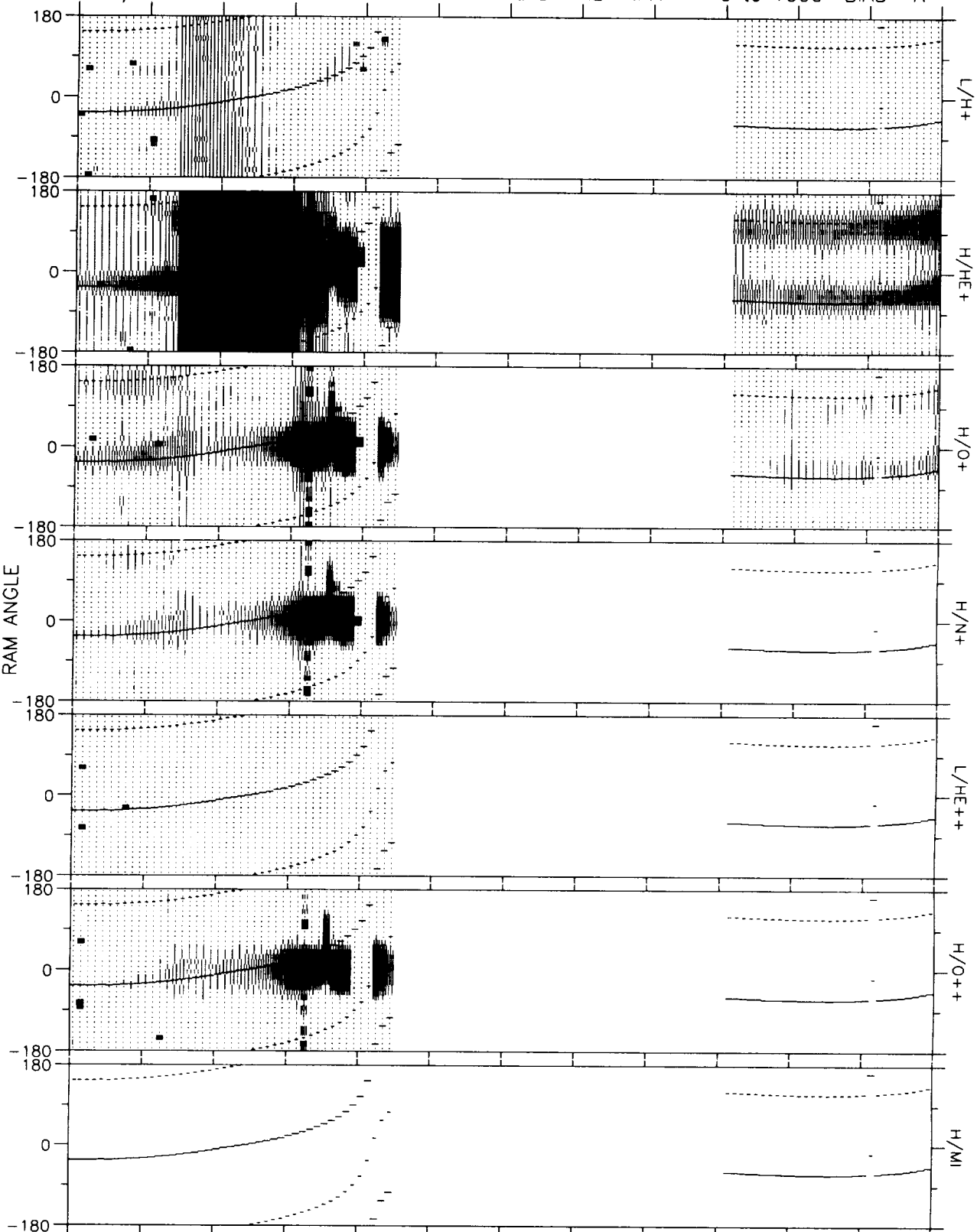
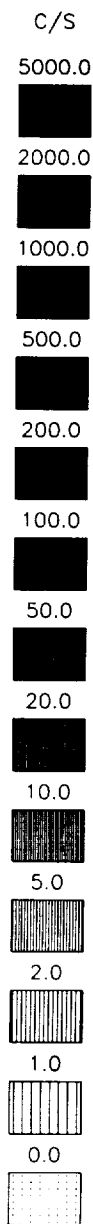
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Tue Oct 26 11:20:58 1993

82/238 26-AUG 1415:00 - 2215:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Tue Oct 26 11:23:31 1993

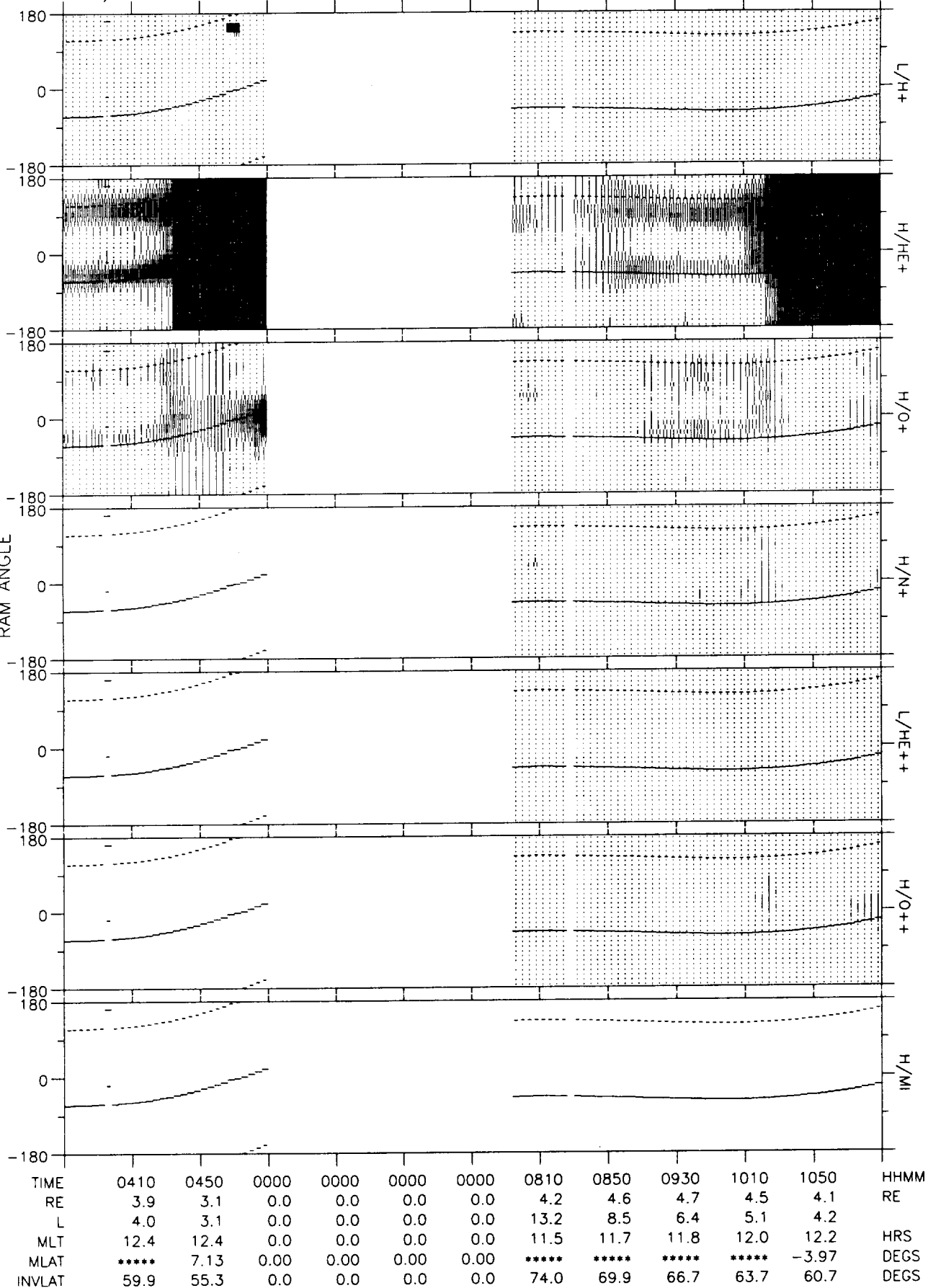
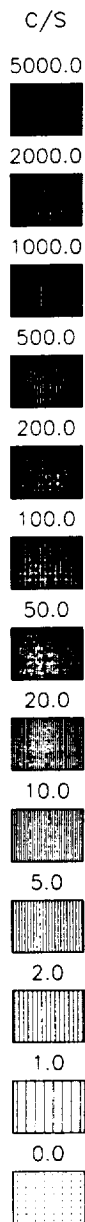
82/238 26-AUG 2030:00 - 0430:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	2110	2150	2230	2310	0000	0000	0000	0000	0000	0310	0350	HHMM
RE	4.1	3.3	2.2	1.1	0.0	0.0	0.0	0.0	0.0	4.6	4.2	RE
L	4.1	3.6	4.2	1.2	0.0	0.0	0.0	0.0	0.0	5.8	4.5	
MLT	12.6	12.3	11.8	0.9	0.0	0.0	0.0	0.0	0.0	12.6	12.4	HRS
MLAT	2.27	16.64	44.08	25.64	0.00	0.00	0.00	0.00	0.00	*****	*****	DEGS
INVLAT	60.2	58.0	60.7	23.0	0.0	0.0	0.0	0.0	0.0	65.5	62.0	DEGS

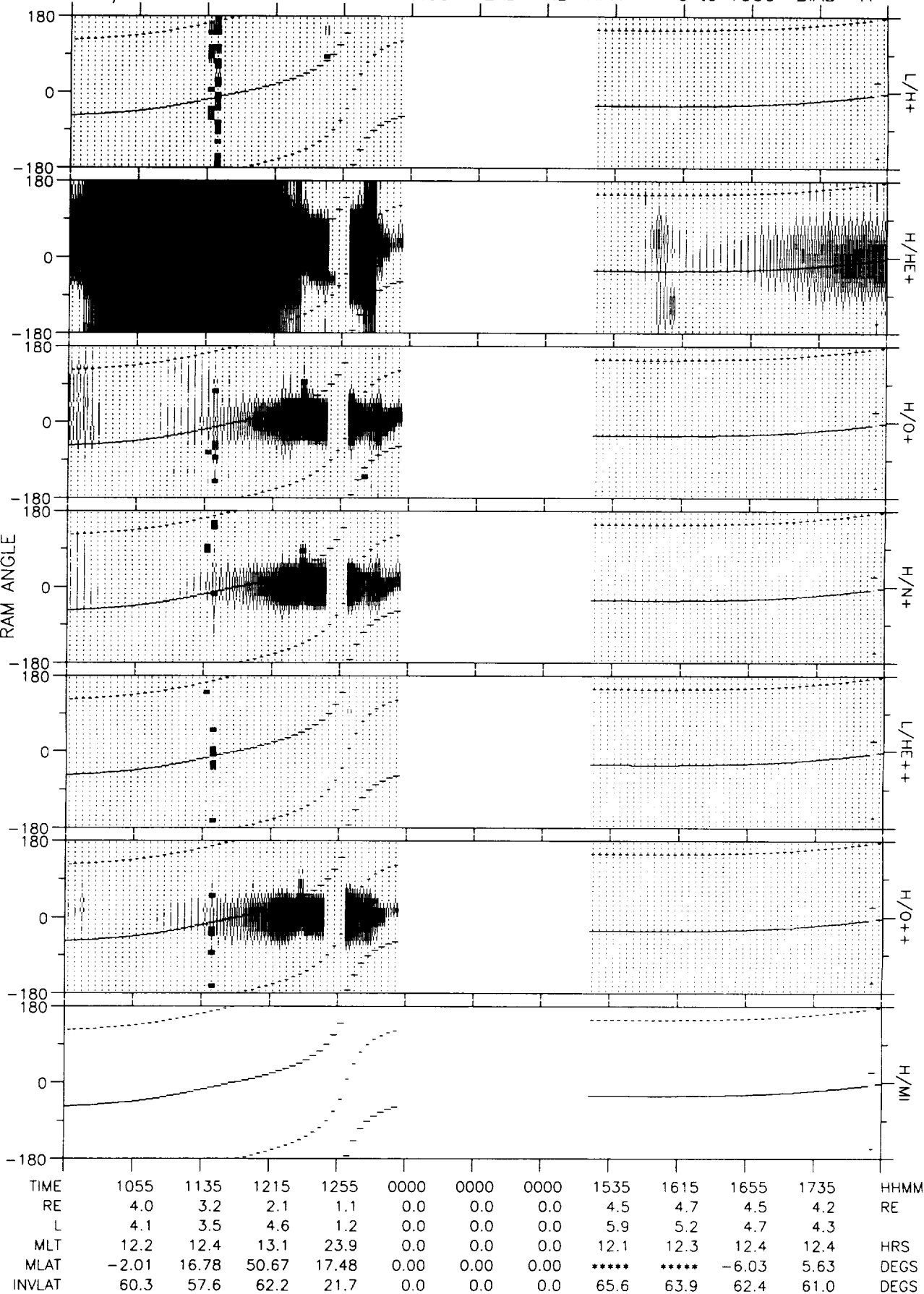
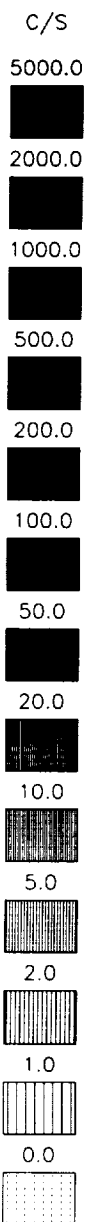
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Tue Oct 26 11:25:39 1993

82/239 27-AUG 0330:00 - 1130:00 HEAD= RL RPA= 0 to 1000 BIAS= A



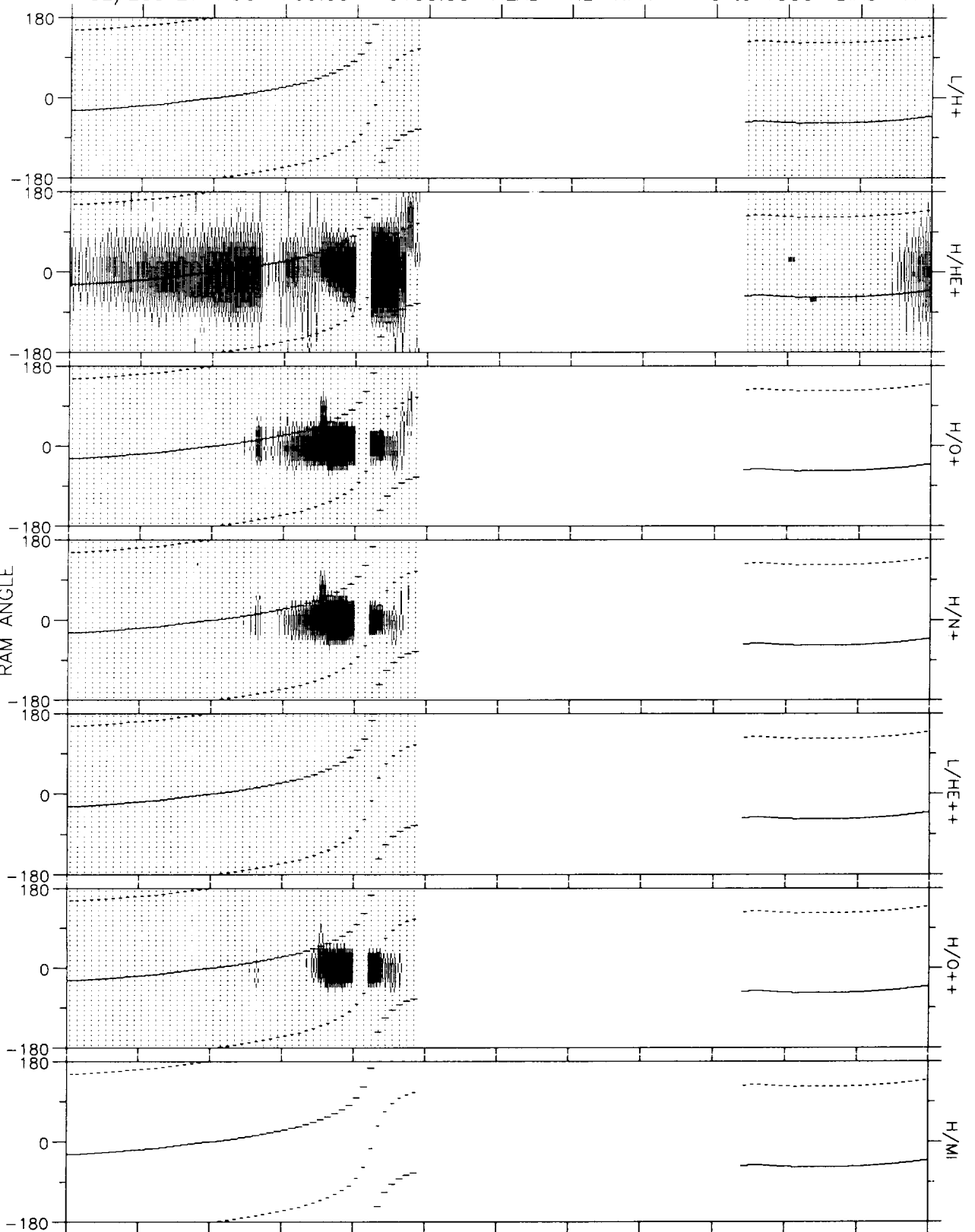
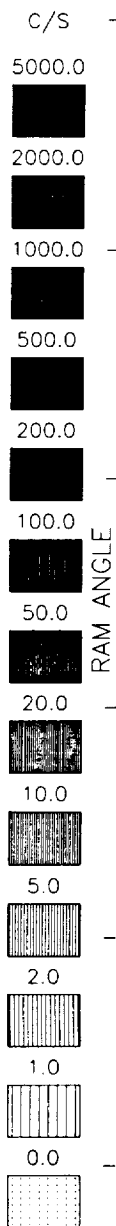
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Tue Oct 26 11:27:49 1993

82/239 27-AUG 1015:00 - 1815:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1 0)
Tue Oct 26 11:30:21 1993

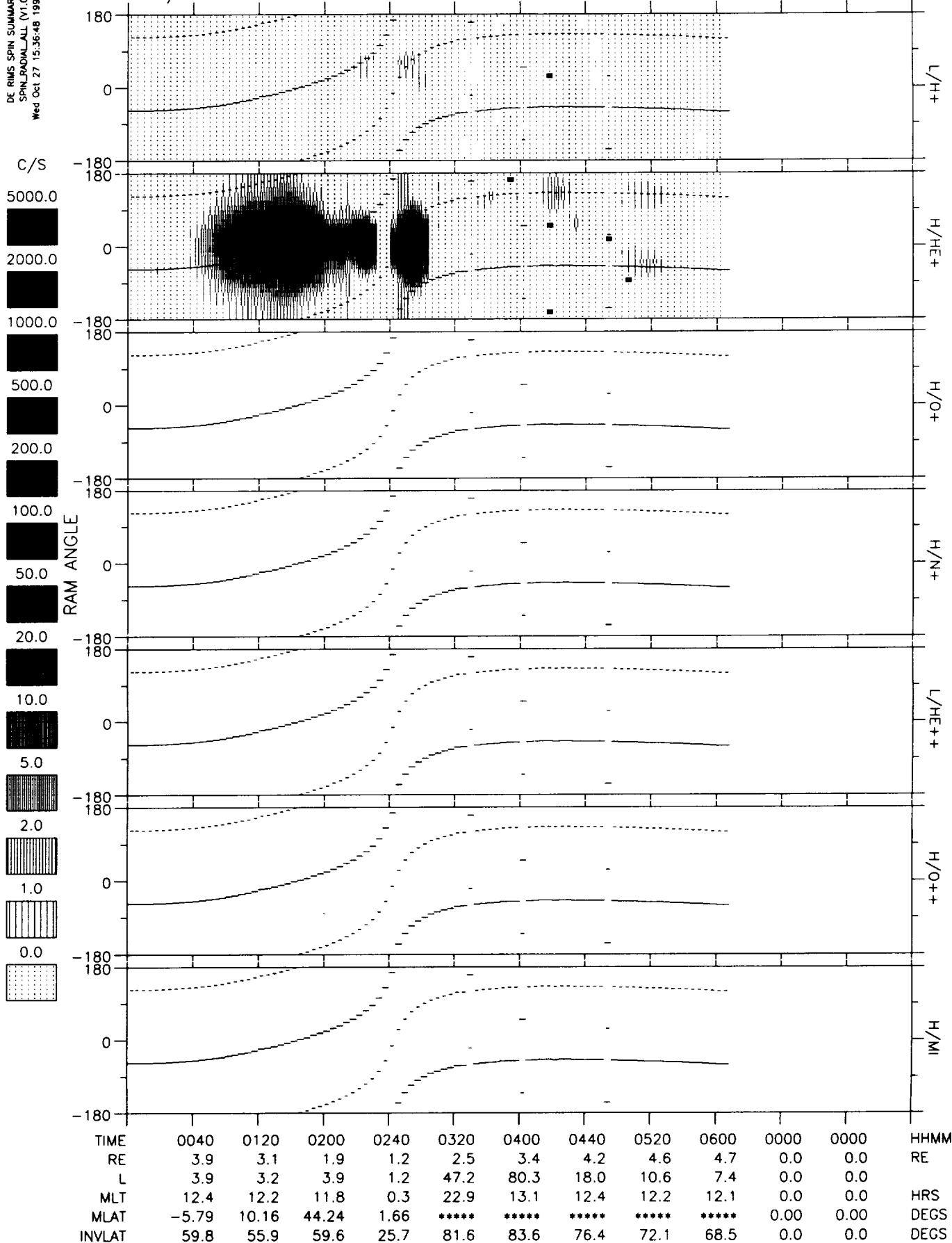
82/239 27-AUG 1700:00 - 0100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1740	1820	1900	1940	0000	0000	0000	0000	0000	2340	0020	HHMM
RE	4.1	3.4	2.3	1.1	0.0	0.0	0.0	0.0	0.0	4.6	4.2	RE
L	4.2	4.0	5.7	1.4	0.0	0.0	0.0	0.0	0.0	5.3	4.4	
MLT	12.4	12.3	12.0	0.8	0.0	0.0	0.0	0.0	0.0	12.7	12.5	HRS
MLAT	7.27	22.86	50.70	26.34	0.00	0.00	0.00	0.00	0.00	*****	*****	DEGS
INVLAT	60.8	60.1	65.2	31.3	0.0	0.0	0.0	0.0	0.0	64.2	61.5	DEGS

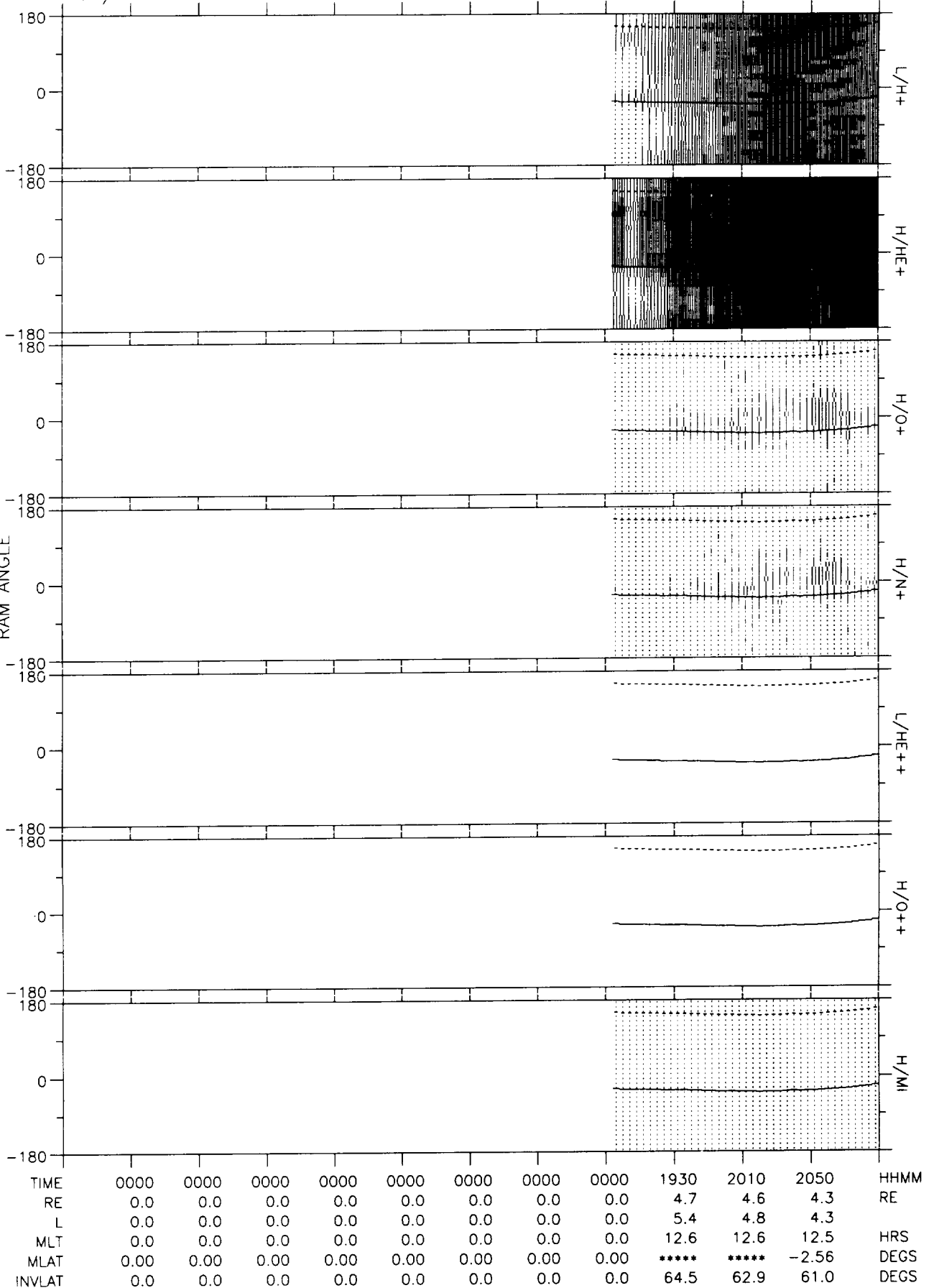
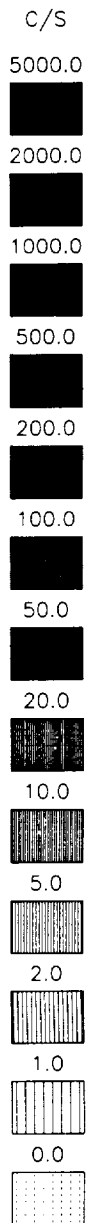
DE RIMS SPIN SUMMARY
SPIN/RADIAL/ALL (V1.0)
Wed Oct 27 15:36:48 1993

82/240 28-AUG 0000:00 - 0800:00 HEAD= RL RPA= 0 to 1000 BIAS= A



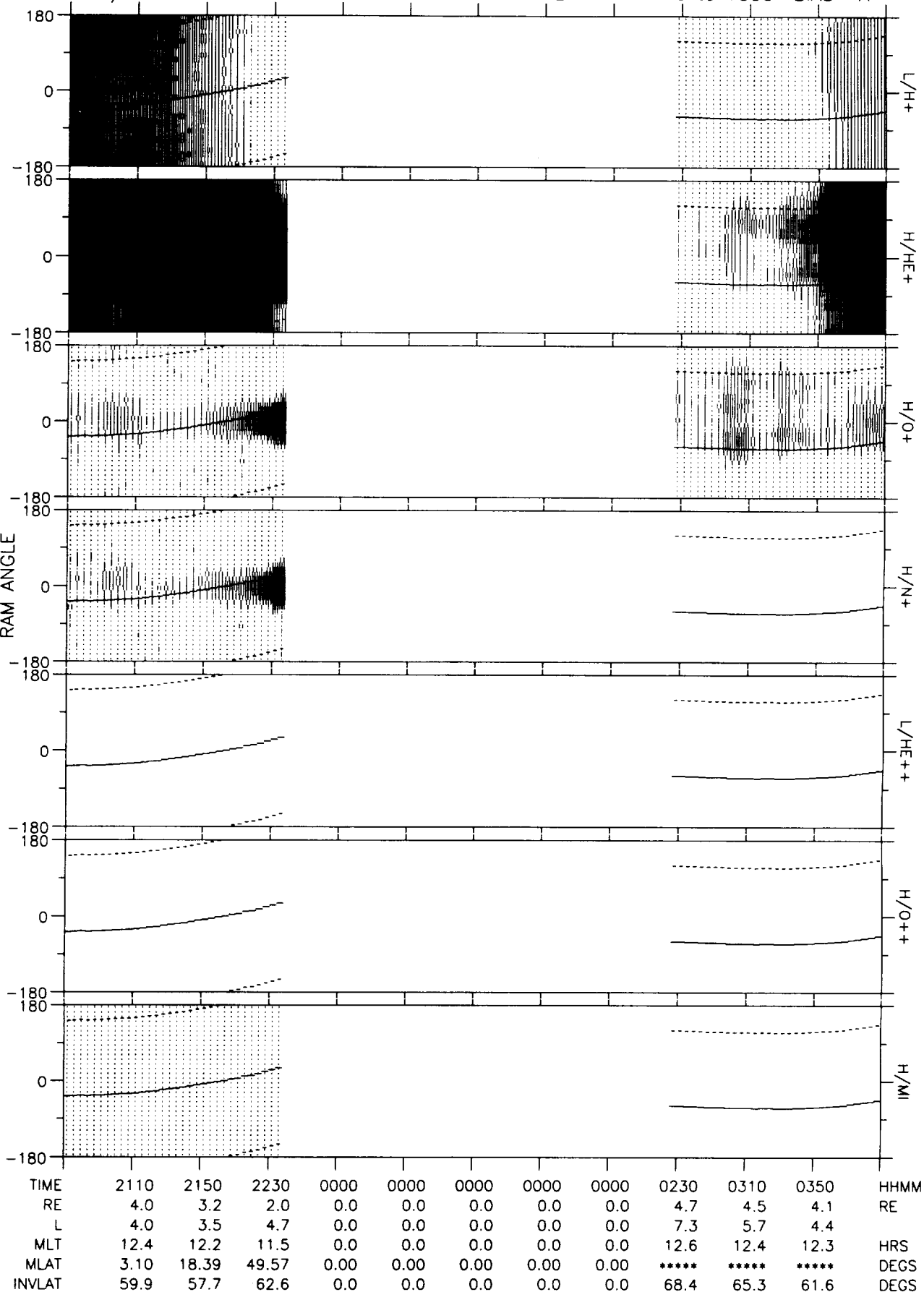
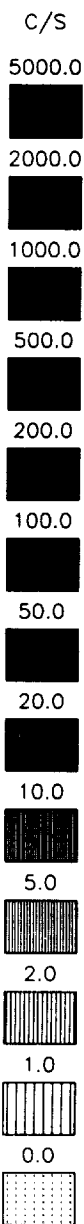
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Oct 27 15:38:20 1993

82/240 28-AUG 1330:00 - 2130:00 HEAD= RL RPA= 0 to 1000 BIAS= A



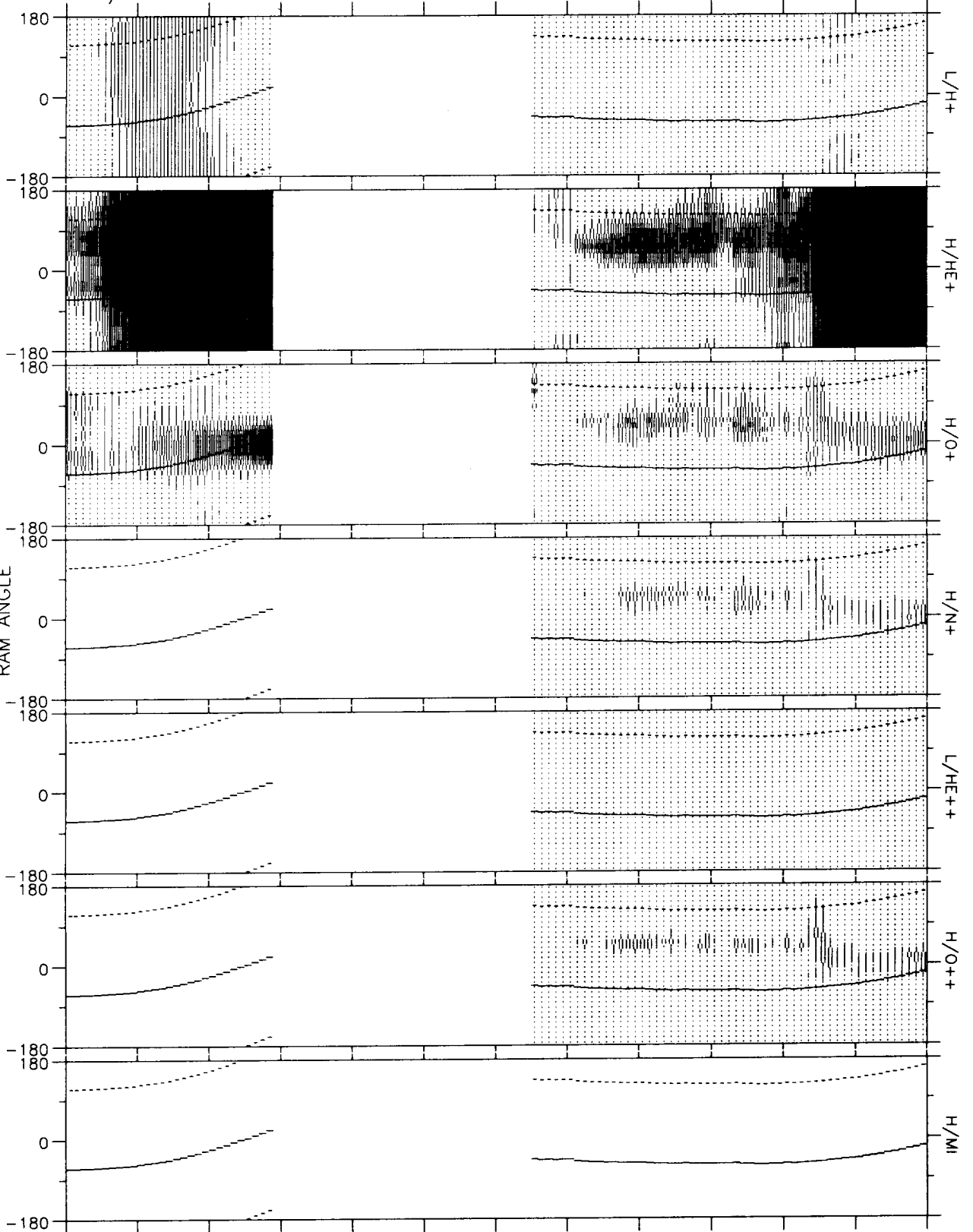
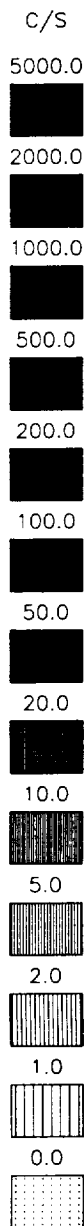
DE RMS SPIN SUMMARY
SPINQUALALL (V1.0)
Wed Oct 27 15:40:09 1993

82/240 28-AUG 2030:00 - 0430:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Wed Oct 27 15:42:13 1993

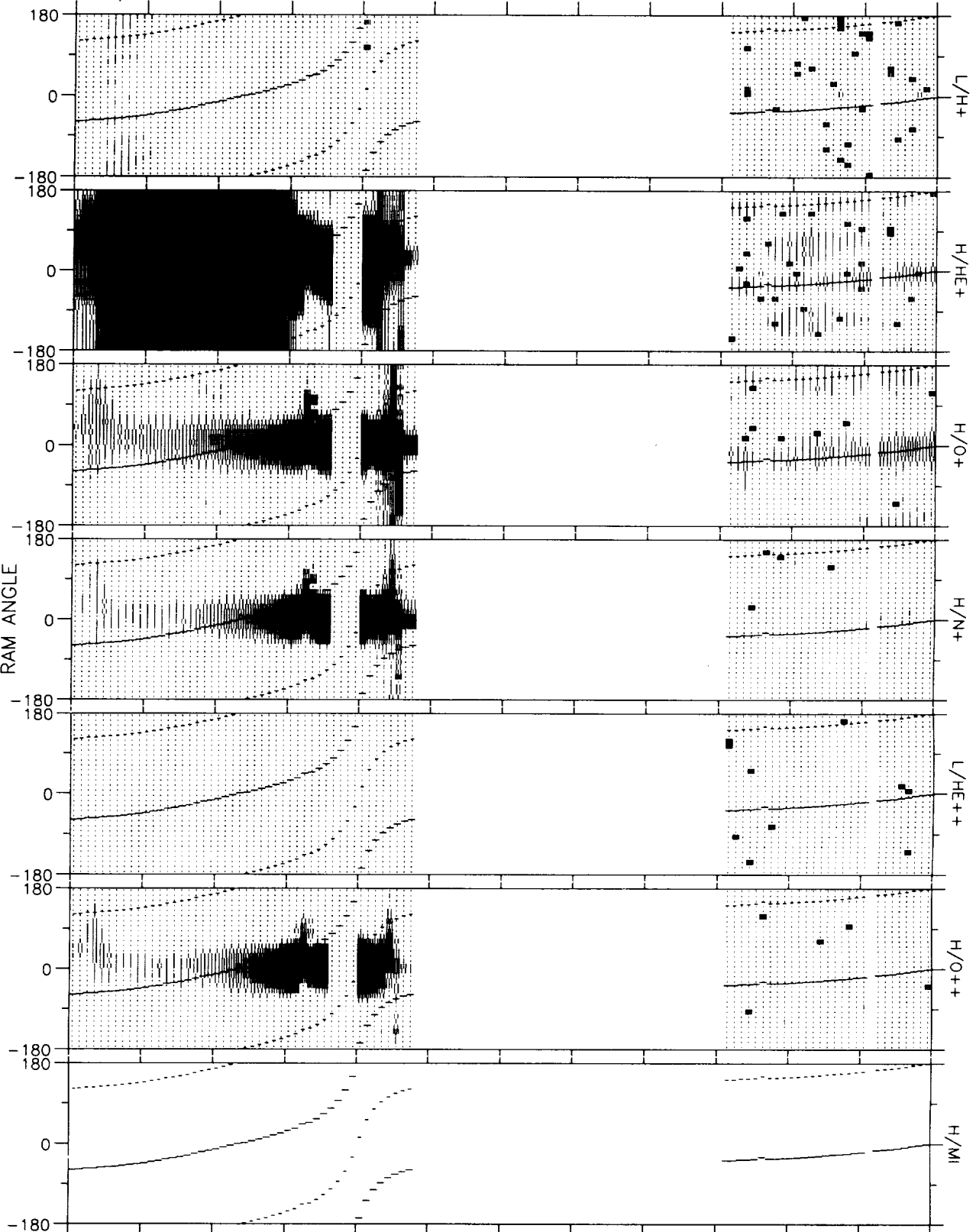
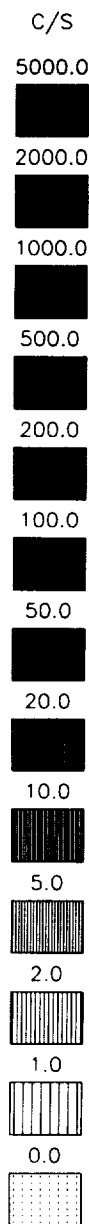
82/241 29-AUG 0330:00 - 1130:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0410	0450	0000	0000	0000	0000	0810	0850	0930	1010	1050	HHMM
RE	3.8	3.0	0.0	0.0	0.0	0.0	4.3	4.6	4.7	4.5	4.0	RE
L	3.8	3.0	0.0	0.0	0.0	0.0	12.6	8.3	6.2	5.0	4.1	
MLT	12.3	12.2	0.0	0.0	0.0	0.0	11.4	11.6	11.8	11.9	12.1	HRS
MLAT	-9.70	9.72	0.00	0.00	0.00	0.00	*****	*****	*****	*****	-2.40	DEGS
INVLAT	59.4	54.8	0.0	0.0	0.0	0.0	73.6	69.7	66.4	63.4	60.3	DEGS

DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Wed Oct 27 15:44:31 1993

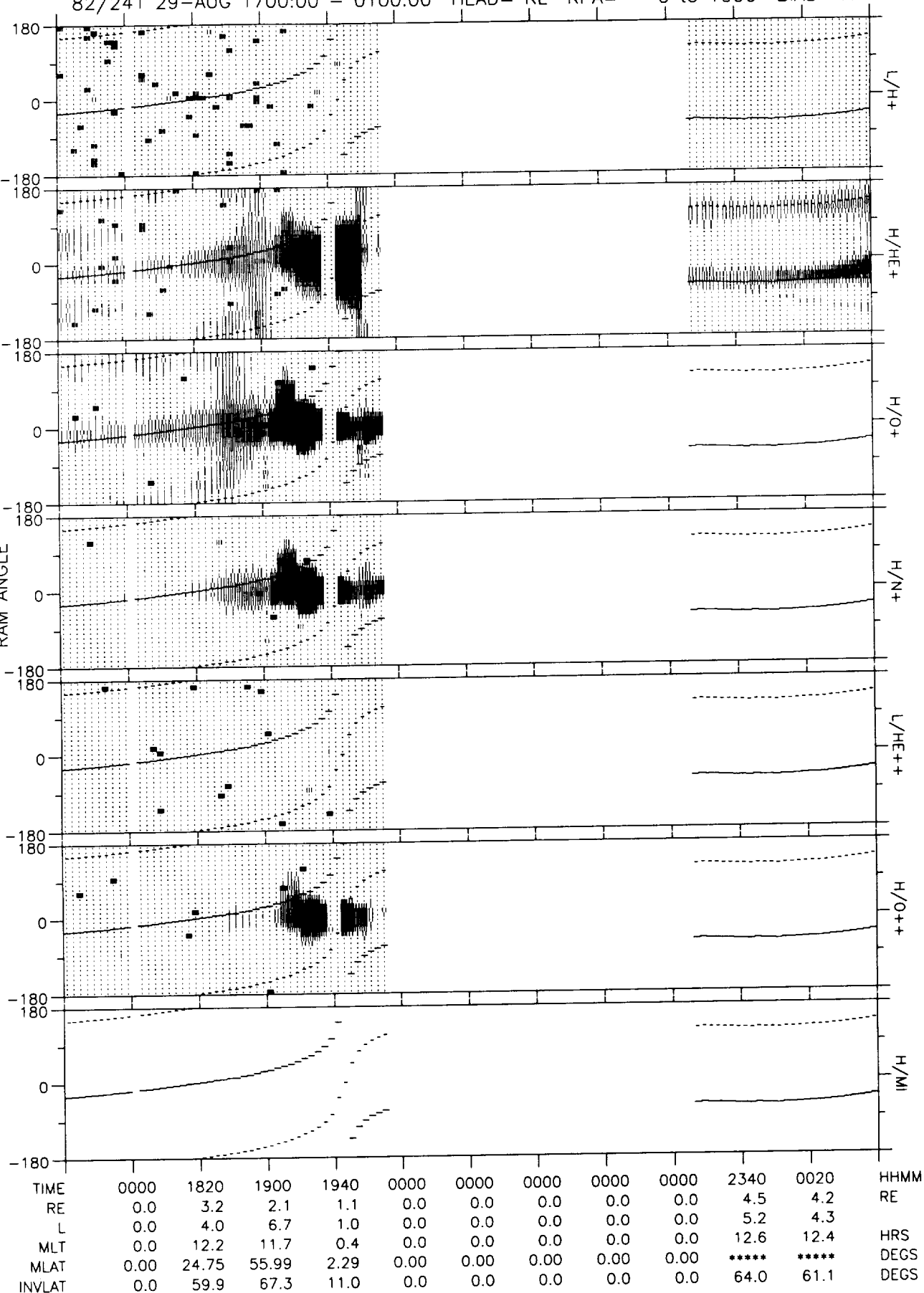
82/241 29-AUG 1015:00 - 1815:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1055	1135	1215	1255	0000	0000	0000	0000	0000	1655	1735	HHMM
RE	3.9	3.1	1.9	1.2	0.0	0.0	0.0	0.0	0.0	4.5	4.1	RE
L	4.0	3.4	5.7	1.3	0.0	0.0	0.0	0.0	0.0	4.6	4.2	
MLT	12.1	12.3	13.2	0.3	0.0	0.0	0.0	0.0	0.0	12.2	12.3	HRS
MLAT	-0.42	19.42	57.62	*****	0.00	0.00	0.00	0.00	0.00	-5.21	6.16	DEGS
INVLAT	59.9	57.3	65.3	29.7	0.0	0.0	0.0	0.0	0.0	62.2	60.8	DEGS

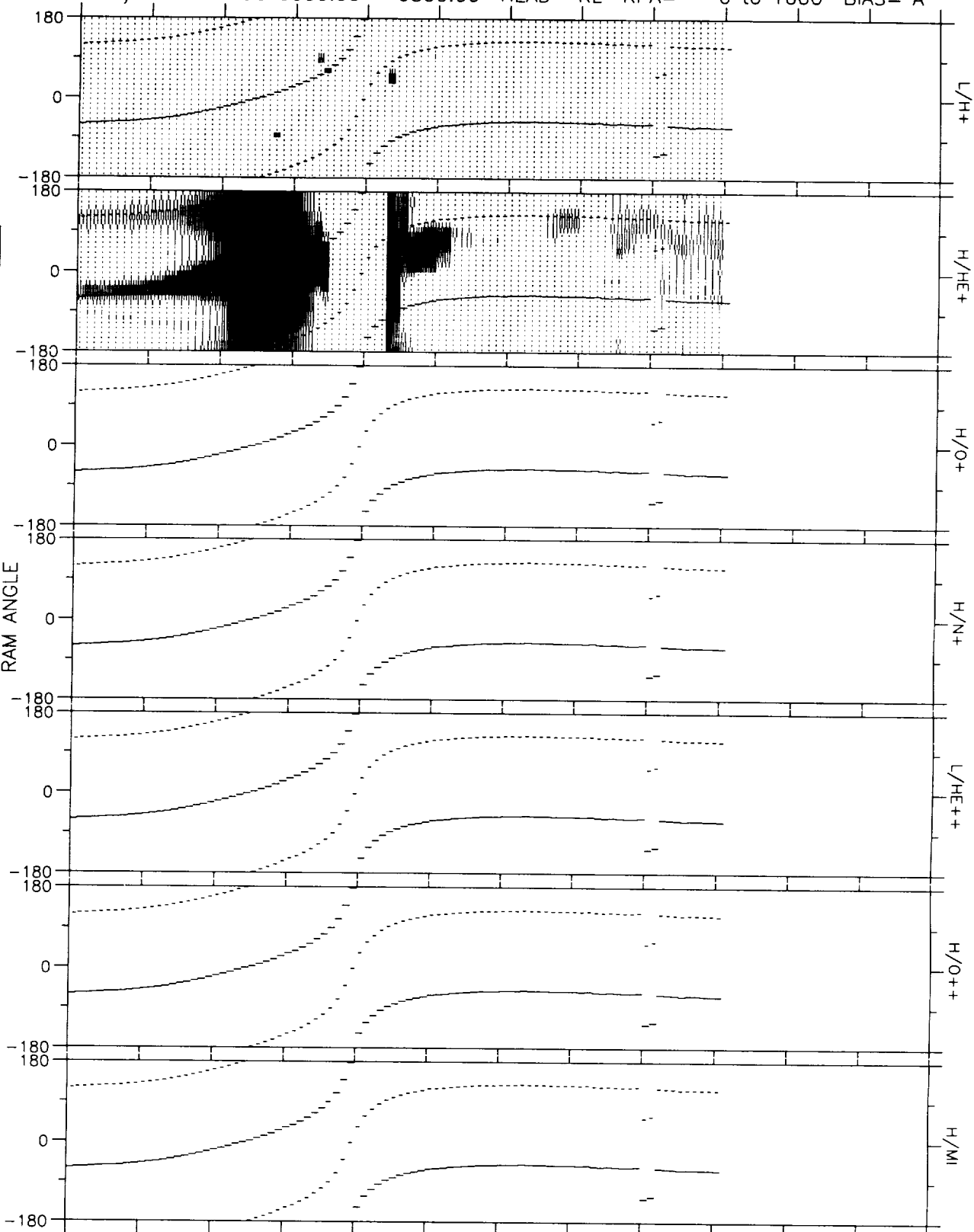
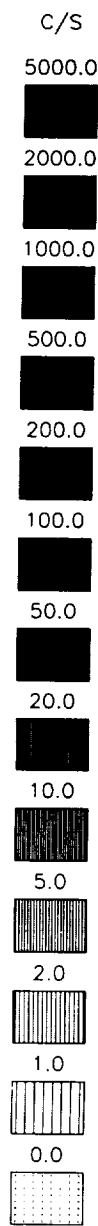
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Wed Oct 27 15:47:30 1993

82/241 29-AUG 1700:00 - 0100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (Y1.0)
Wed Oct 27 15:49:24 1993

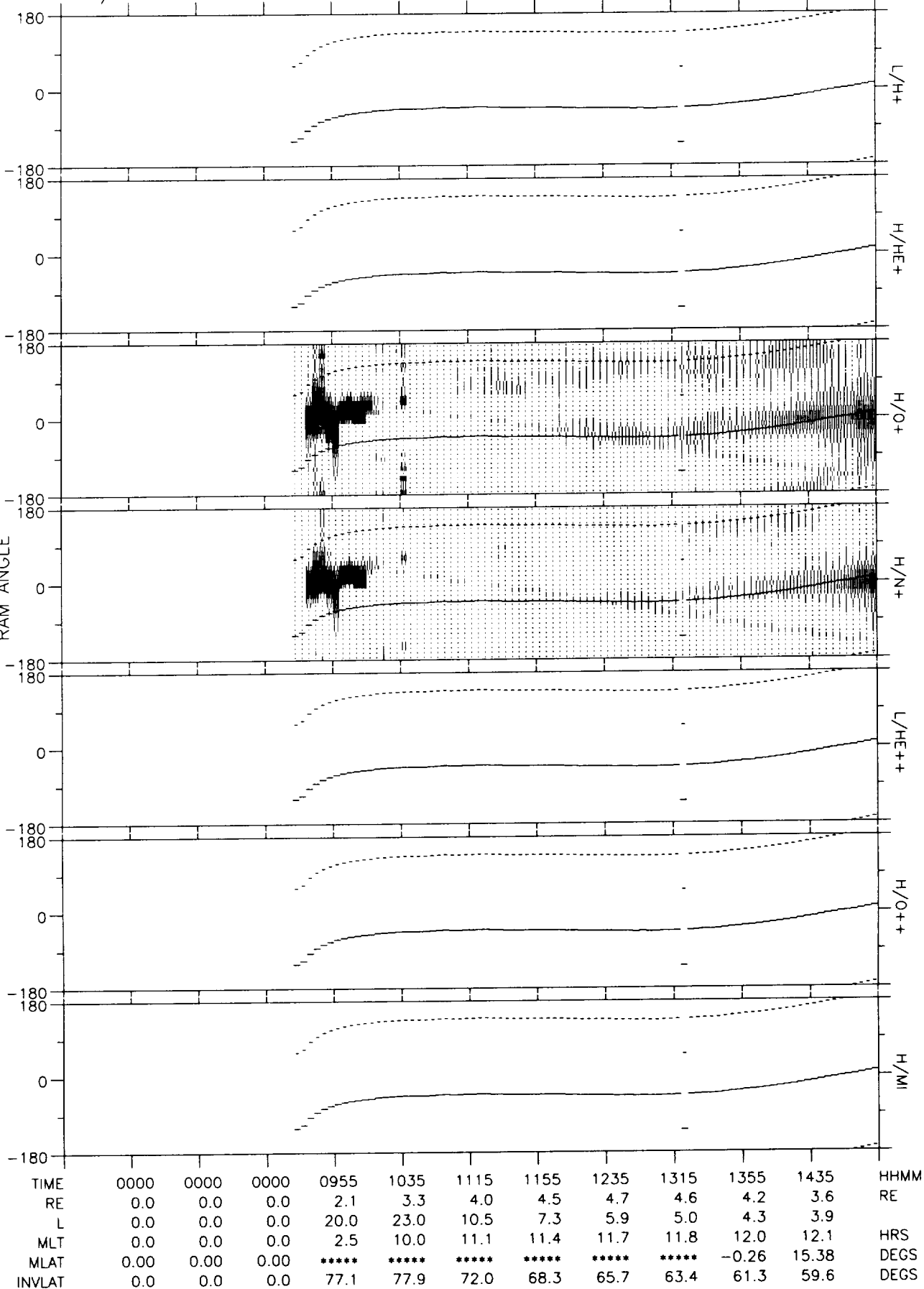
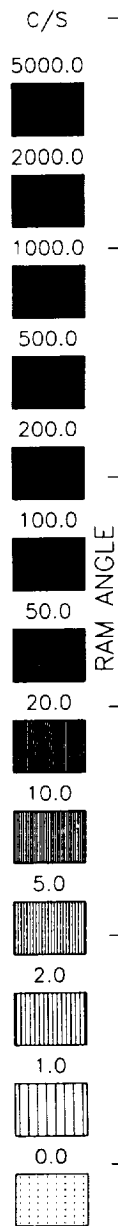
82/242 30-AUG 0000:00 - 0800:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0040	0120	0200	0240	0320	0400	0440	0520	0600	0000	0000	HHMM
RE	3.9	3.0	1.8	1.3	2.6	3.6	4.2	4.6	4.7	0.0	0.0	RE
L	3.8	3.1	4.9	1.5	96.7	54.1	17.1	10.3	7.4	0.0	0.0	
MLT	12.3	12.1	11.6	0.1	22.3	12.7	12.2	12.1	12.0	0.0	0.0	HRS
MLAT	-4.89	12.29	51.82	*****	*****	*****	*****	*****	*****	0.00	0.00	DEGS
INVLAT	59.3	55.3	63.2	36.5	84.2	82.2	76.0	71.8	68.5	0.0	0.0	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Oct 27 15:51:03 1993

82/242 30-AUG 0715:00 - 1515:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Wed Oct 27 15:52:32 1993

82/242 30-AUG 1330:00 - 2130:00 HEAD= RL RPA= 0 to 1000 BIAS= A

C/S

5000.0

2000.0

1000.0

500.0

200.0

100.0

50.0

20.0

10.0

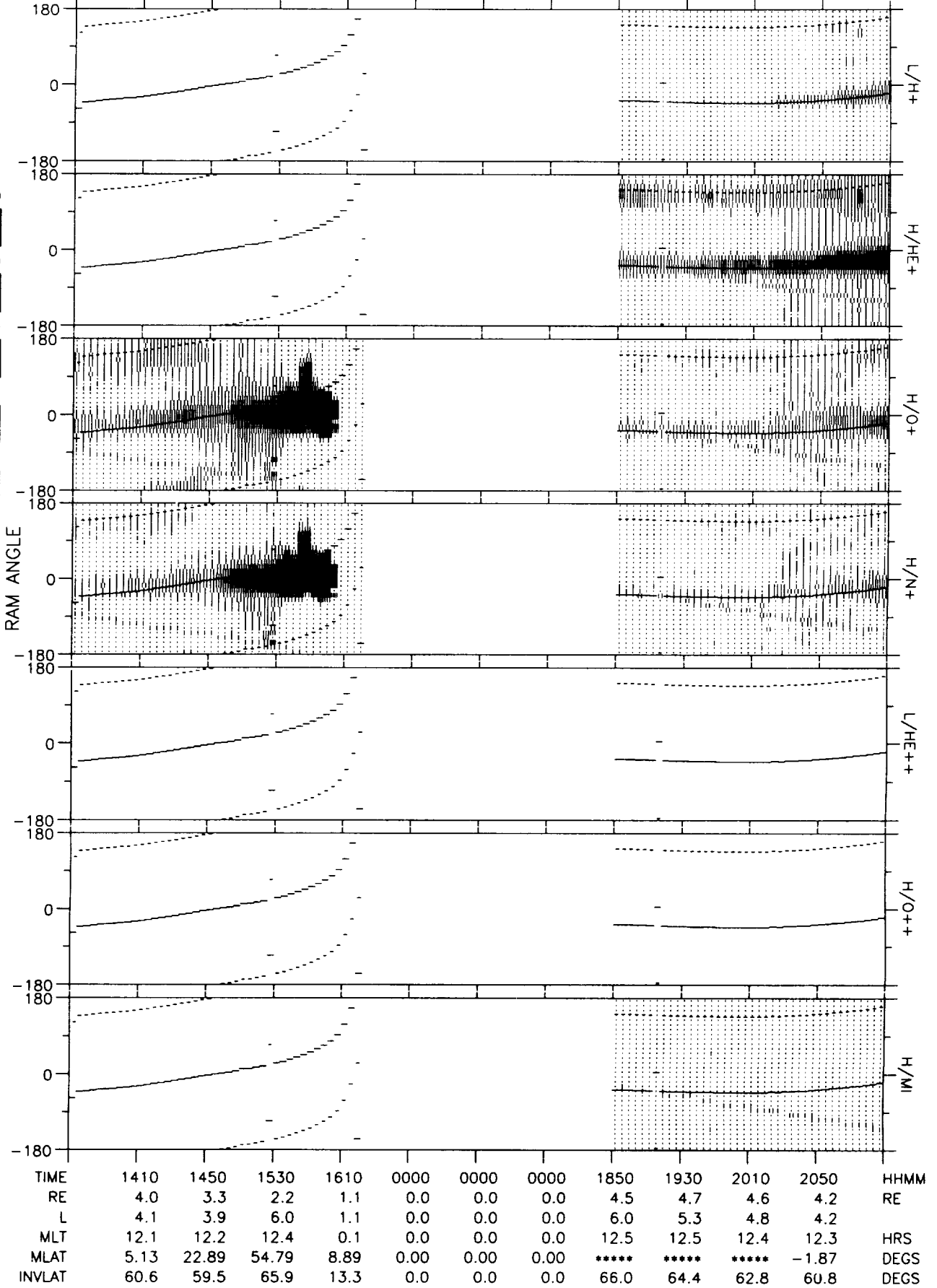
5.0

2.0

1.0

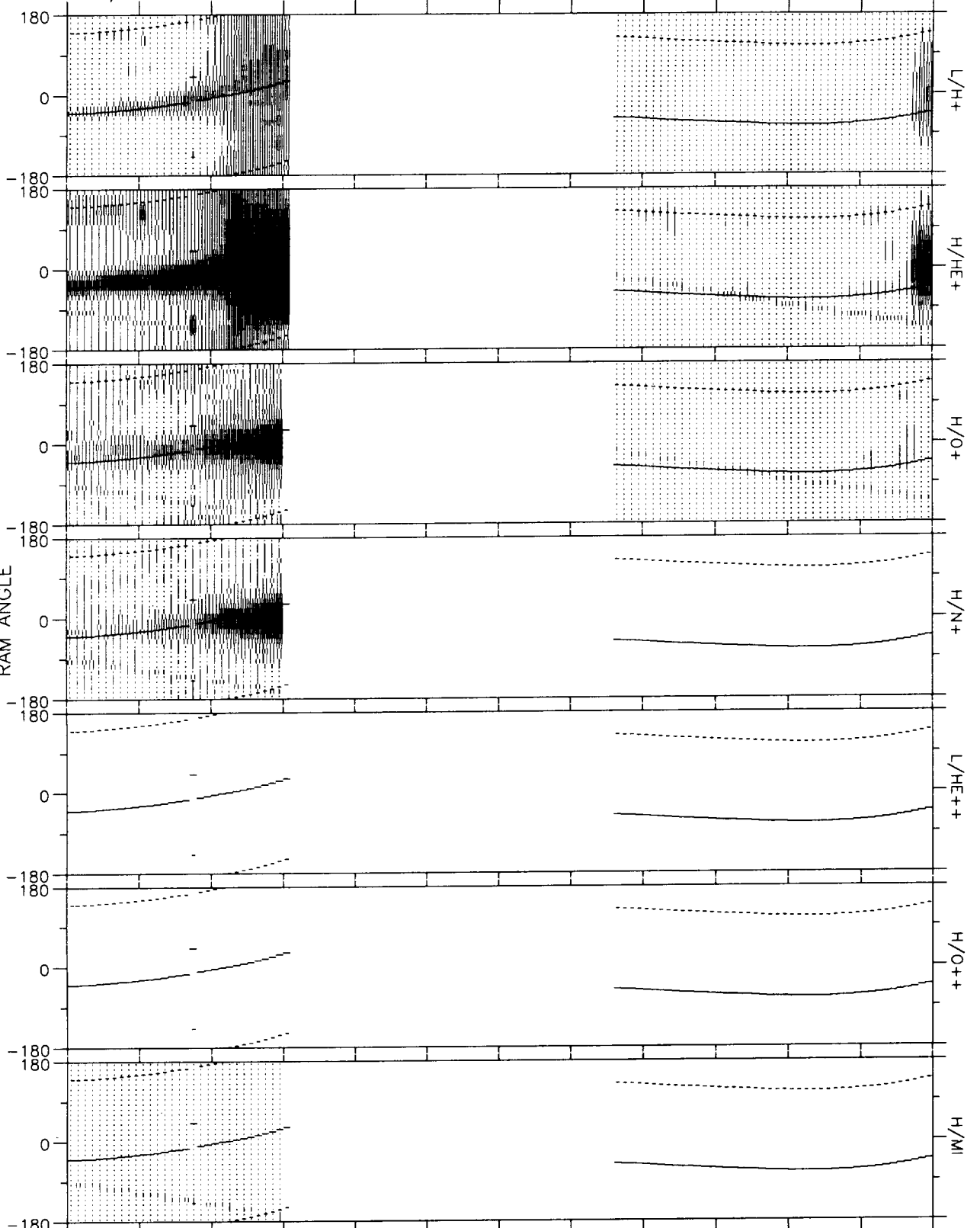
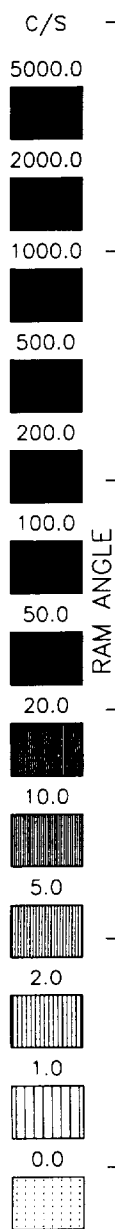
0.0

RAM ANGLE



DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Wed Oct 27 15:54:15 1993

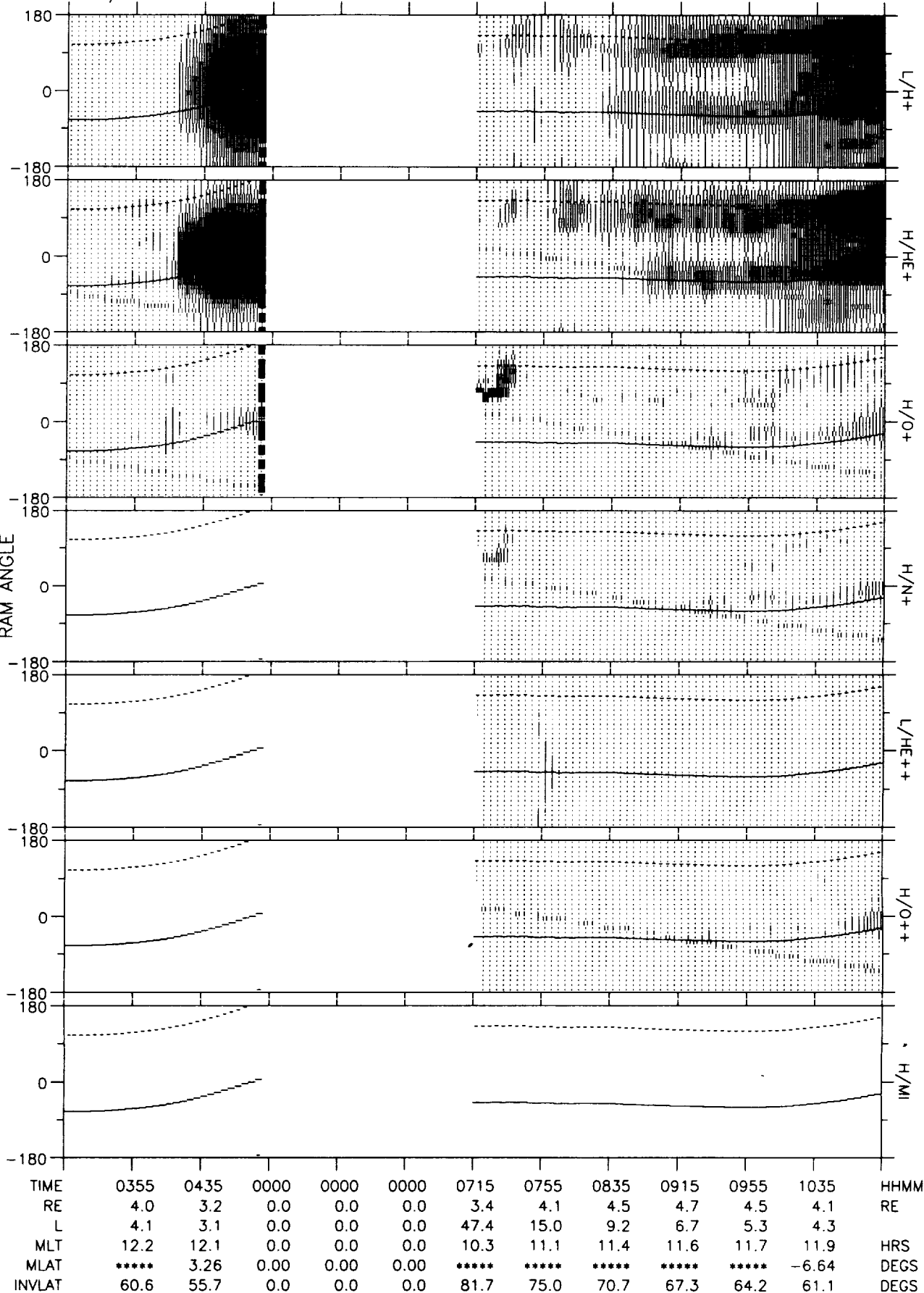
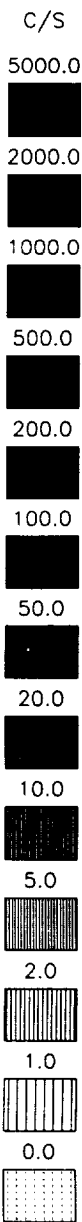
82/242 30-AUG 2030:00 - 0430:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	2110	2150	2230	0000	0000	0000	0000	0150	0230	0310	0350	HHMM
RE	3.9	3.1	2.0	0.0	0.0	0.0	0.0	4.6	4.7	4.5	4.1	RE
L	3.9	3.4	4.8	0.0	0.0	0.0	0.0	9.5	7.2	5.6	4.3	
MLT	12.3	12.0	11.3	0.0	0.0	0.0	0.0	12.7	12.4	12.3	12.2	HRS
MLAT	4.02	20.41	50.63	0.00	0.00	0.00	0.00	*****	*****	*****	*****	DEGS
INVLAT	59.6	57.3	62.9	0.0	0.0	0.0	0.0	71.1	68.2	65.0	61.1	DEGS

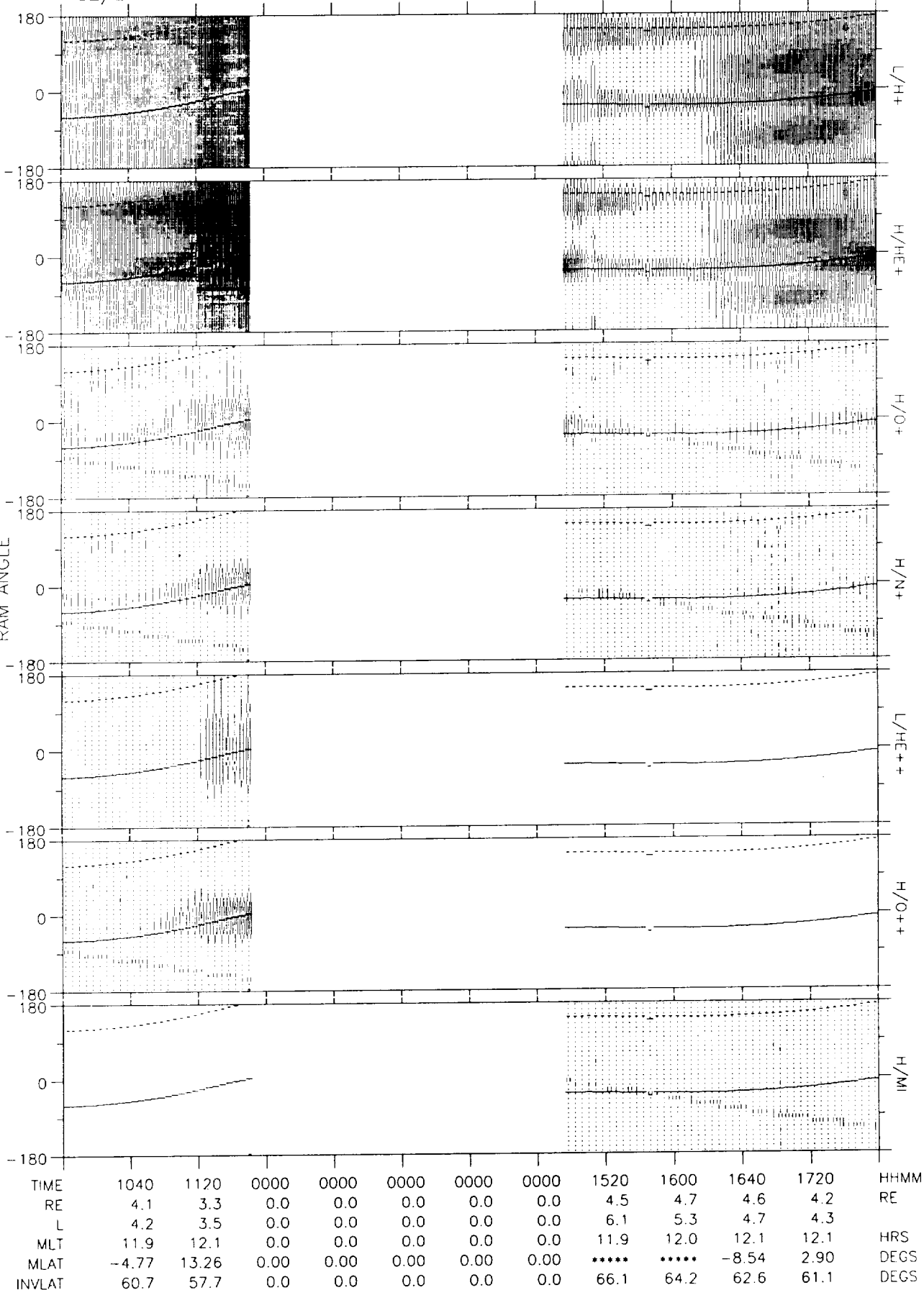
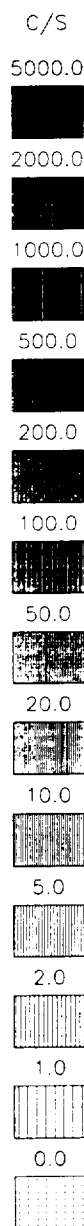
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Wed Oct 27 16:02:40 1993

82/243 31-AUG 0315:00 - 1115:00 HEAD= RL RPA= 0 to 1000 BIAS= A



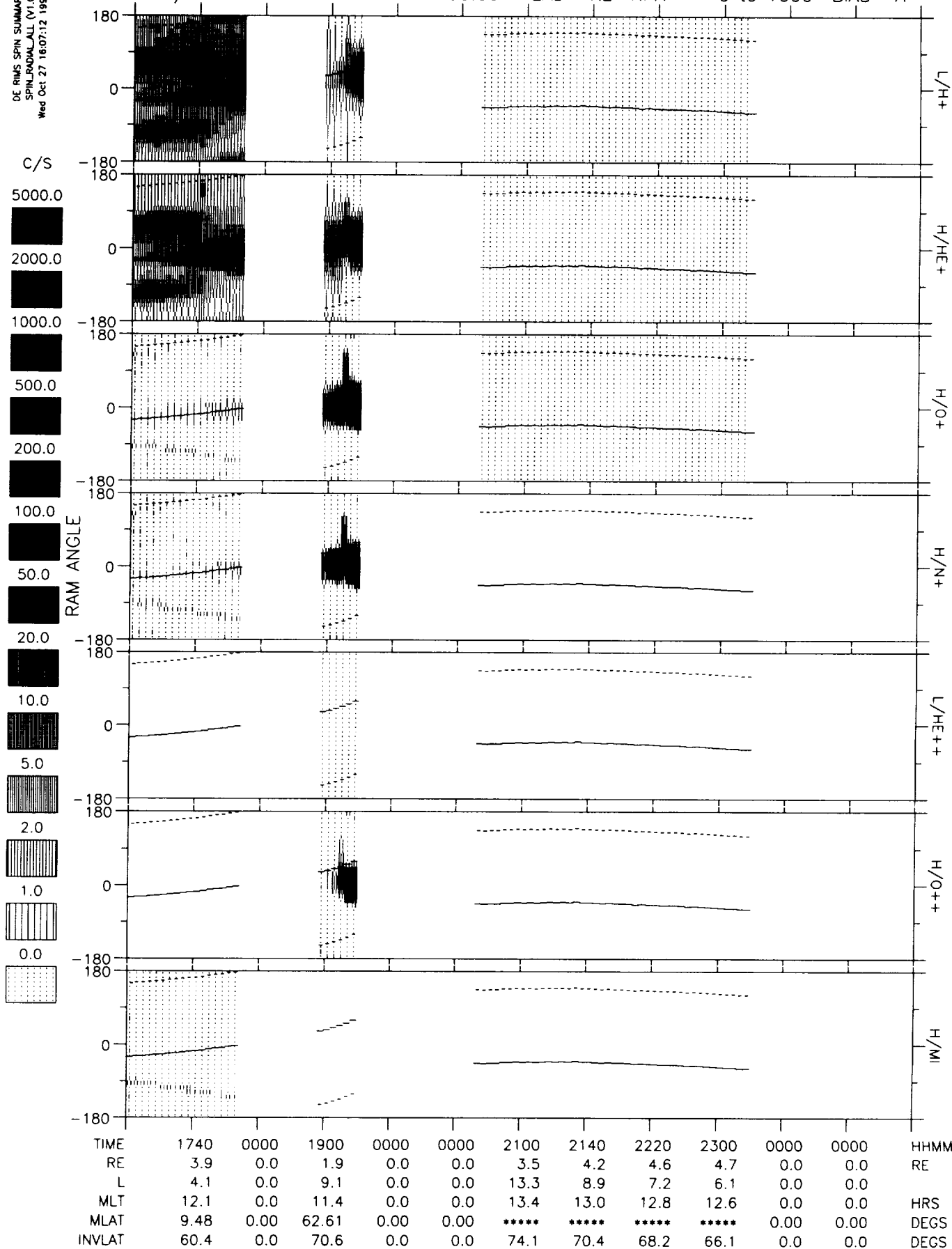
DE RMS SPIN SUMMARY
SPIN RADIALALL (V1.0)
Wed Oct 27 16:04:53 1993

82/243 31-AUG 1000:00 - 1800:00 HEAD= RL RPA= 0 to 1000 BIAS= A



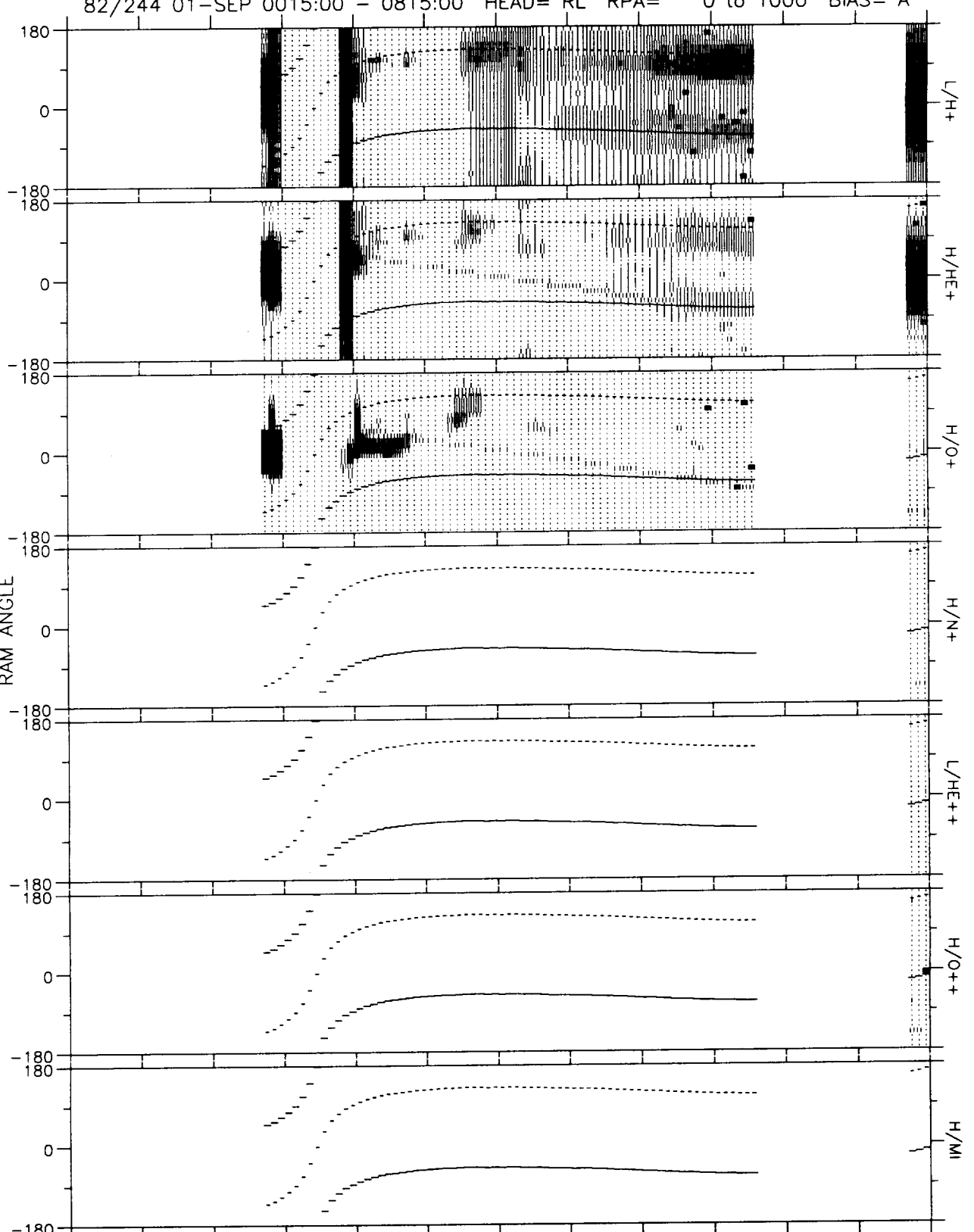
DC RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Wed Oct 27 16:07:12 1993

82/243 31-AUG 1700:00 - 0100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL.ALL (V1.0)
Wed Oct 27 16:08:55 1993

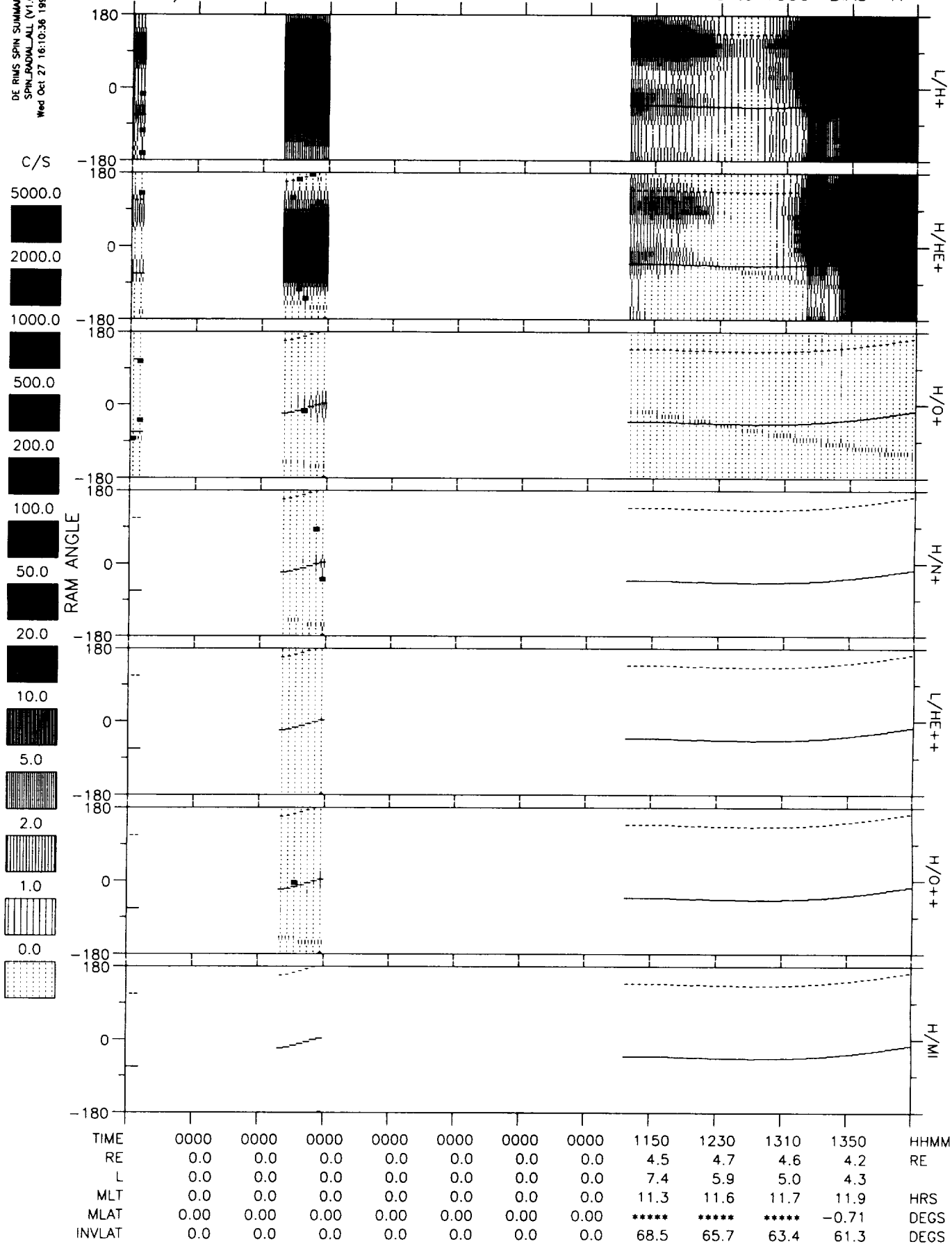
82/244 01-SEP 0015:00 - 0815:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0215	0255	0335	0415	0455	0535	0615	0000	0000	HHMM
RE	0.0	0.0	1.1	2.0	3.2	4.0	4.4	4.7	4.6	0.0	0.0	RE
L	0.0	0.0	6.1	7.7	100.0	27.4	13.2	8.7	6.3	0.0	0.0	
MLT	0.0	0.0	1.2	23.5	14.0	12.2	12.0	11.9	11.9	0.0	0.0	HRS
MLAT	0.00	0.00	68.26	*****	*****	*****	*****	*****	*****	0.00	0.00	DEGS
INVLAT	0.0	0.0	66.0	68.8	87.2	79.0	74.0	70.2	66.6	0.0	0.0	DEGS

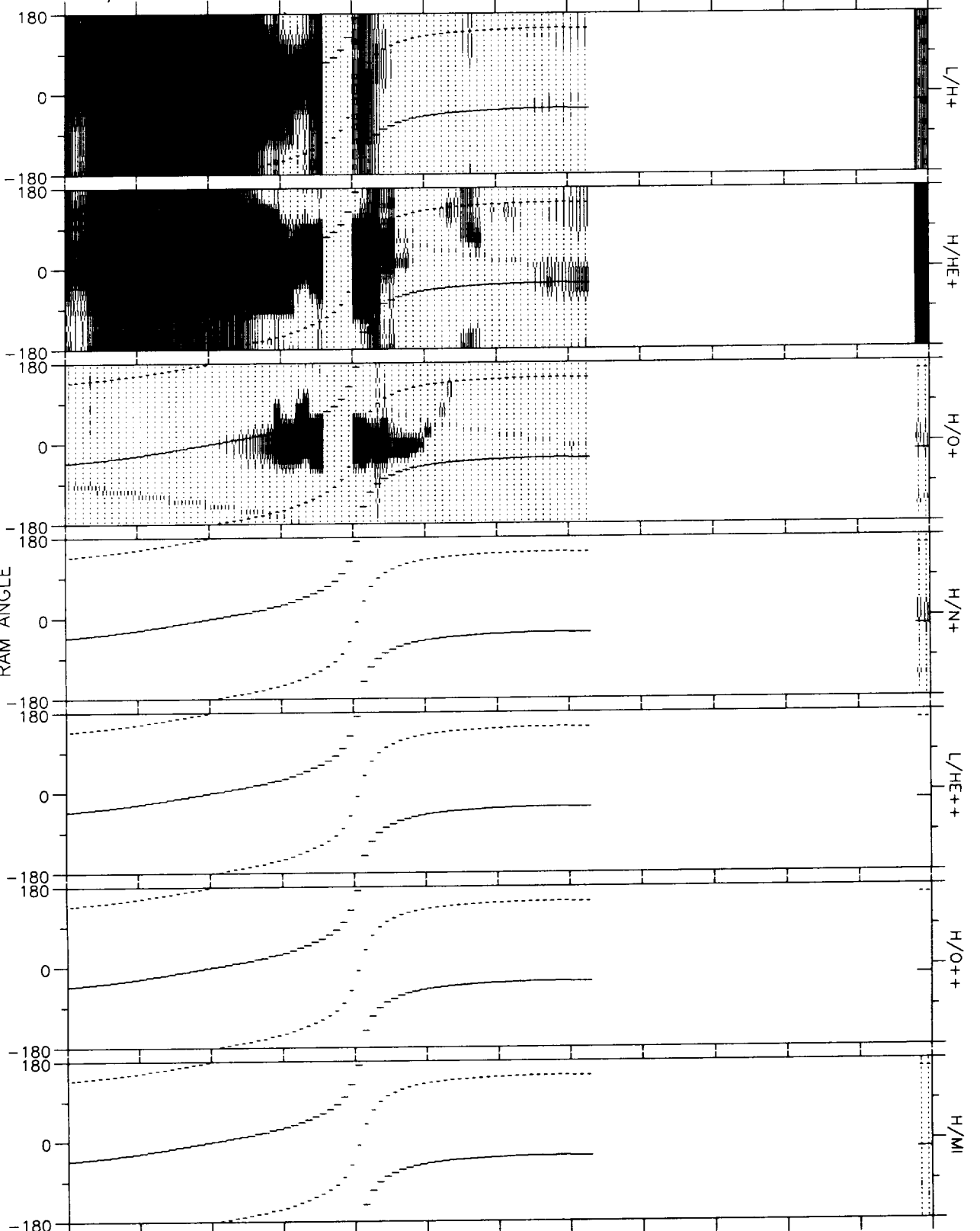
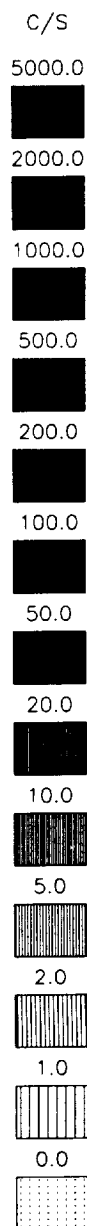
DE RIMS SPIN SUMMARY
SPINRADIAL ALL (V1.0)
Wed Oct 27 16:10:36 1993

82/244 01-SEP 0630:00 - 1430:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Wed Oct 27 16:12:27 1993

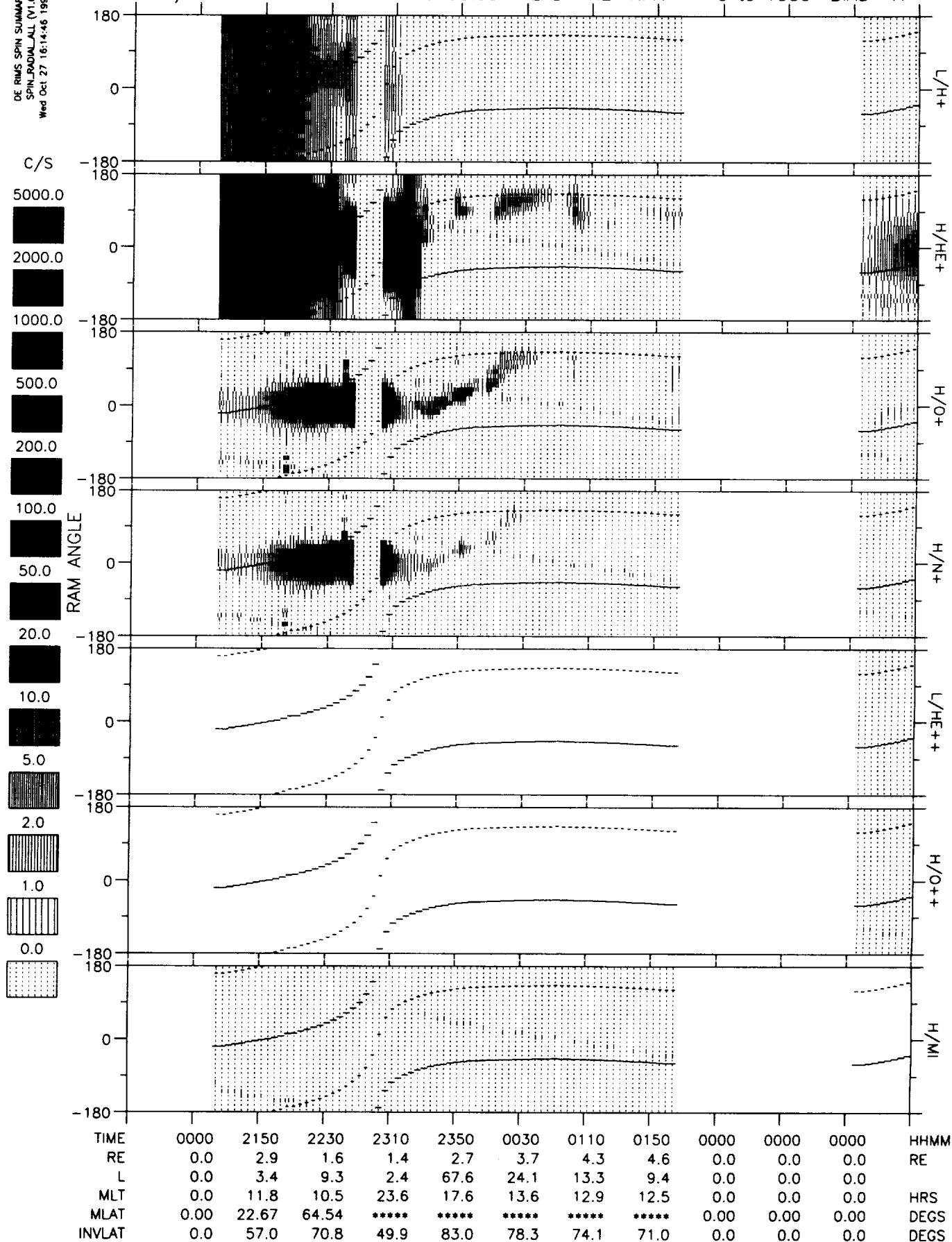
82/244 01-SEP 1330:00 - 2130:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1410	1450	1530	1610	1650	1730	1810	0000	0000	0000	0000	HHMM
RE	4.0	3.2	2.0	1.1	2.4	3.5	4.2	0.0	0.0	0.0	0.0	RE
L	4.1	3.9	7.7	1.1	78.0	10.5	7.2	0.0	0.0	0.0	0.0	
MLT	11.9	12.1	12.4	0.0	12.4	12.4	12.4	0.0	0.0	0.0	0.0	HRS
MLAT	6.56	25.29	61.28	*****	*****	*****	*****	0.00	0.00	0.00	0.00	DEGS
INVLAT	60.3	59.4	68.9	19.5	83.5	72.0	68.1	0.0	0.0	0.0	0.0	DEGS

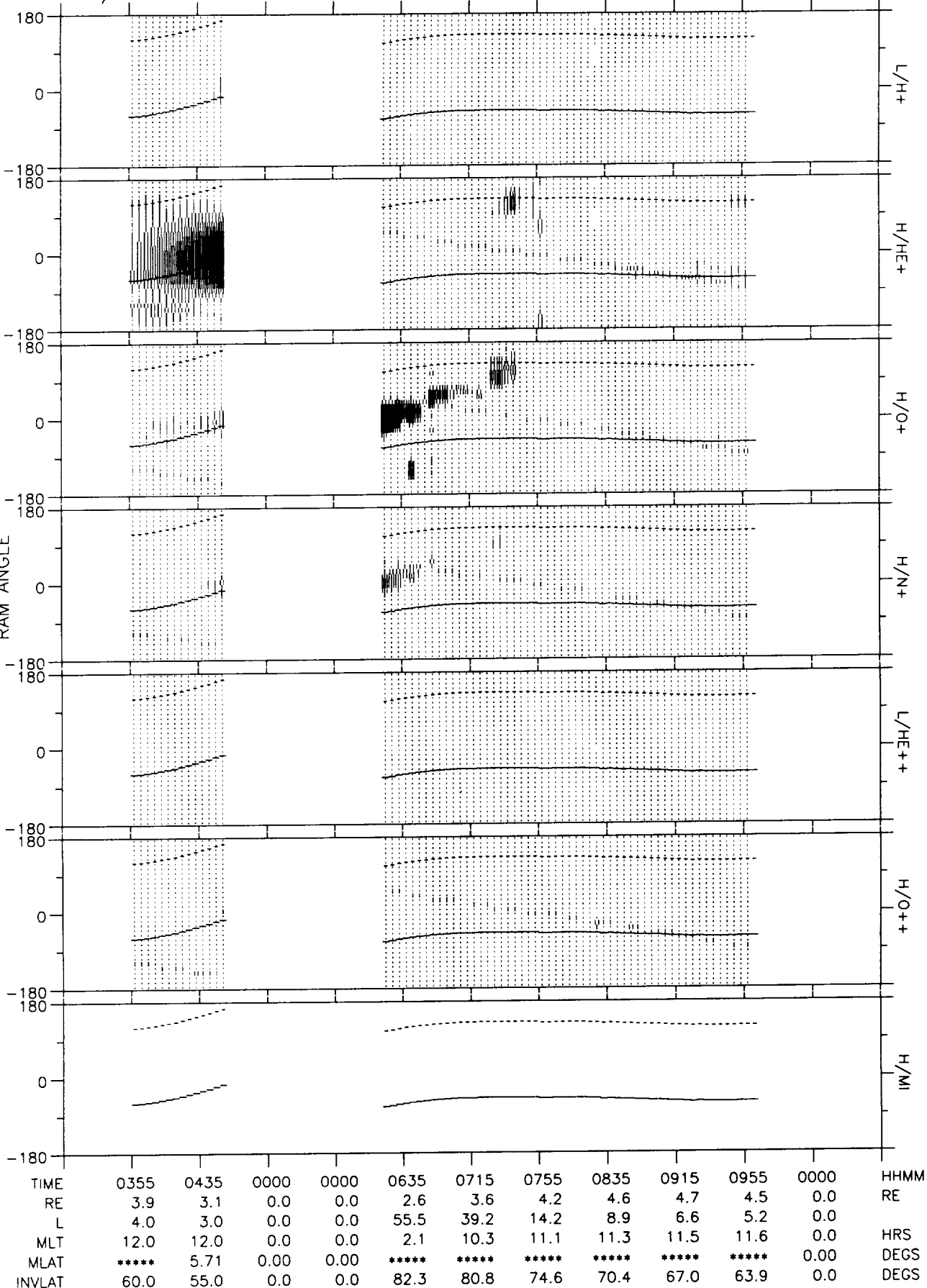
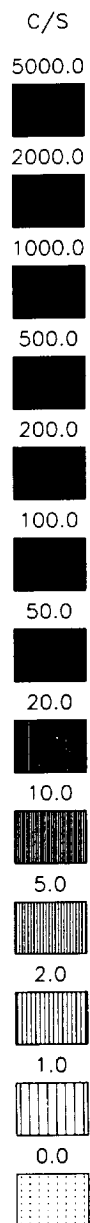
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Oct 27 16:14:46 1993

82/244 01-SEP 2030:00 - 0430:00 HEAD= RL RPA= 0 to 1000 BIAS= A



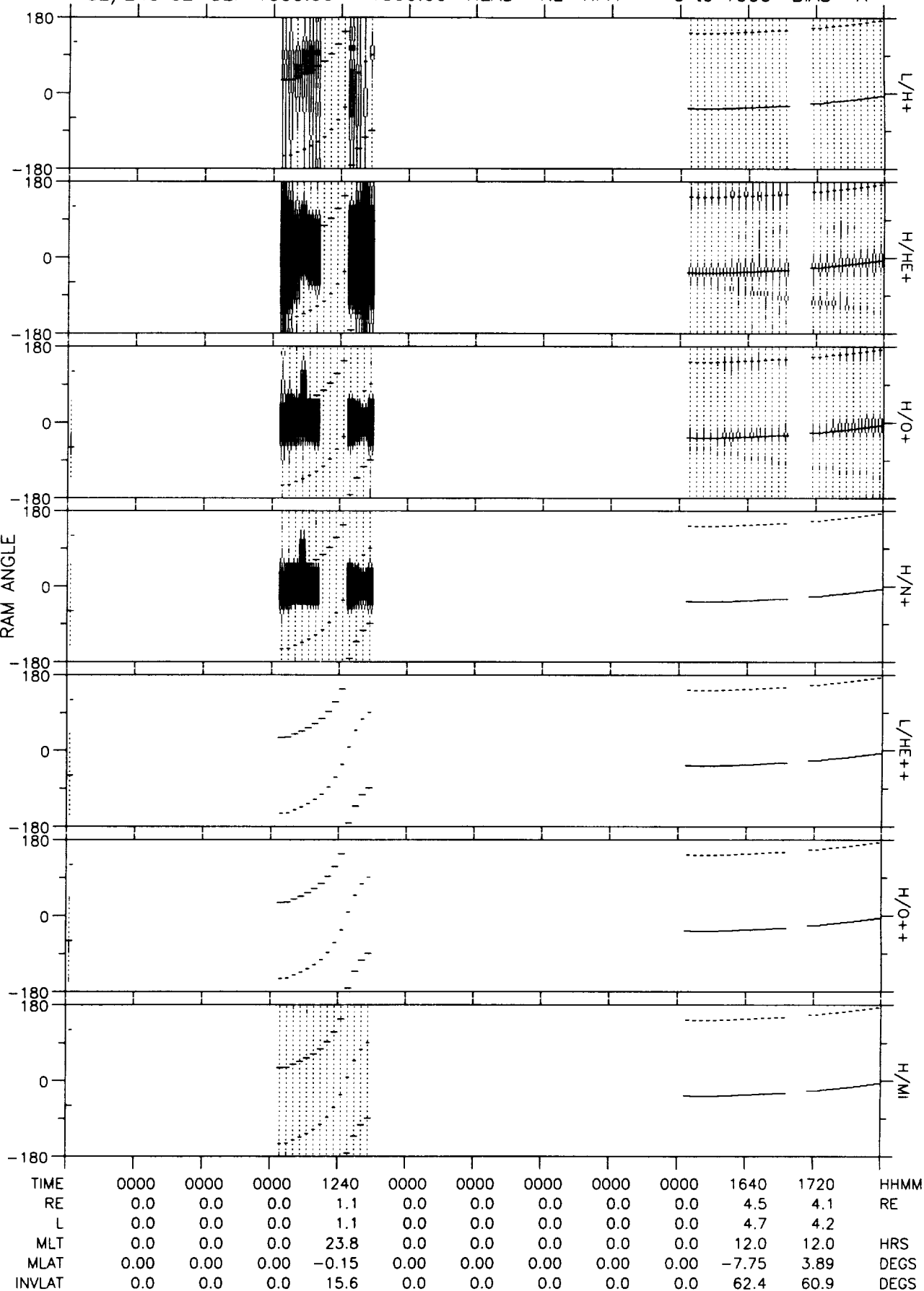
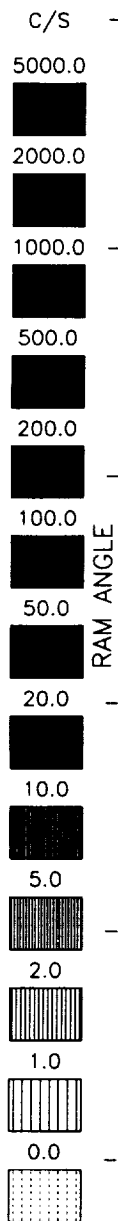
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Wed Oct 27 16:17:05 1993

82/245 02-SEP 0315:00 - 1115:00 HEAD= RL RPA= 0 to 1000 BIAS= A



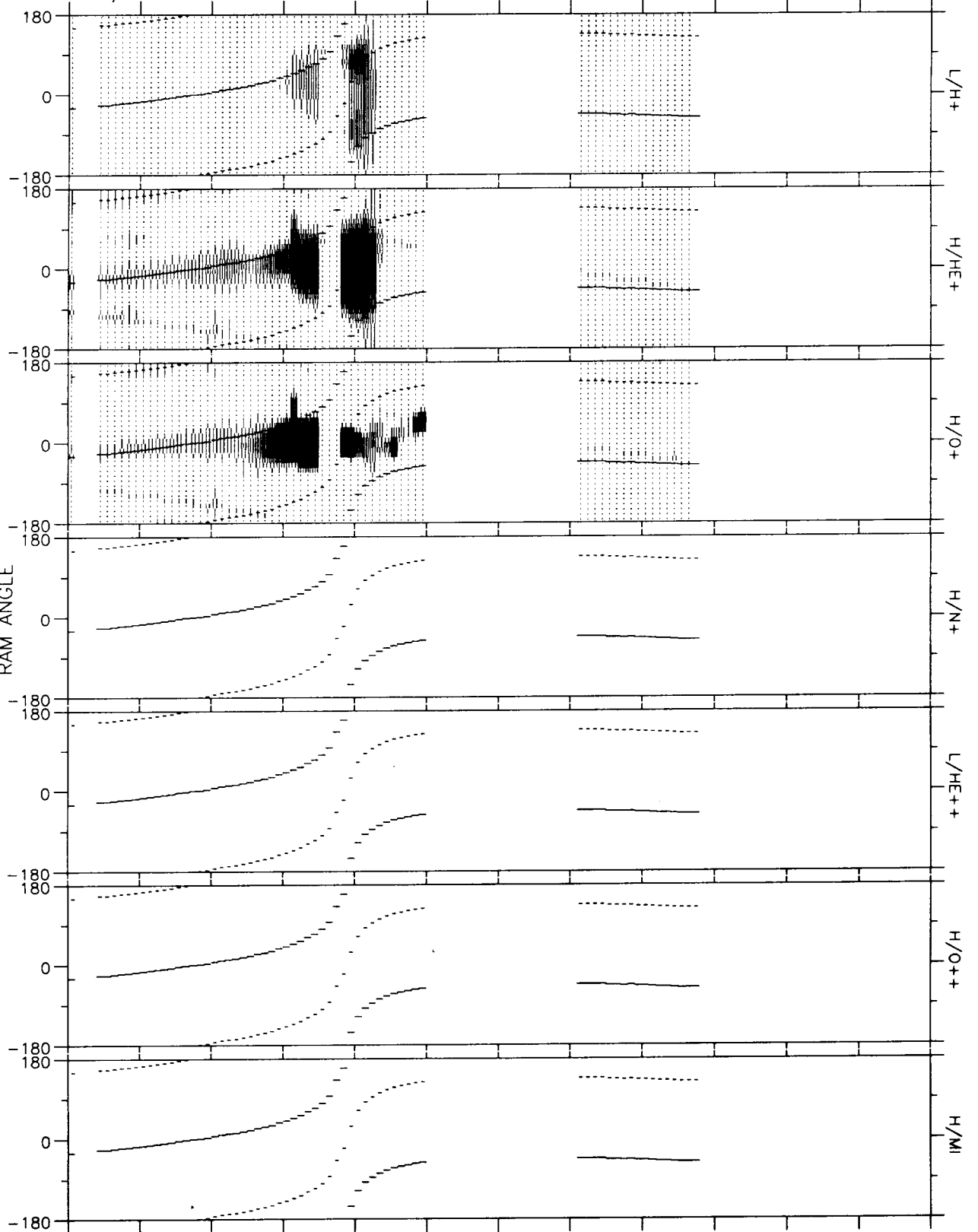
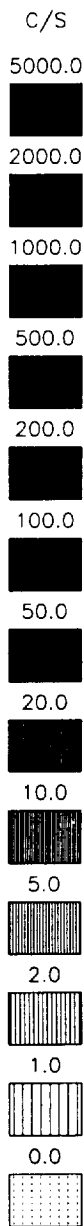
DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Wed Oct 27 16:18:51 1993

82/245 02-SEP 1000:00 - 1800:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Wed Oct 27 16:21:03 1993

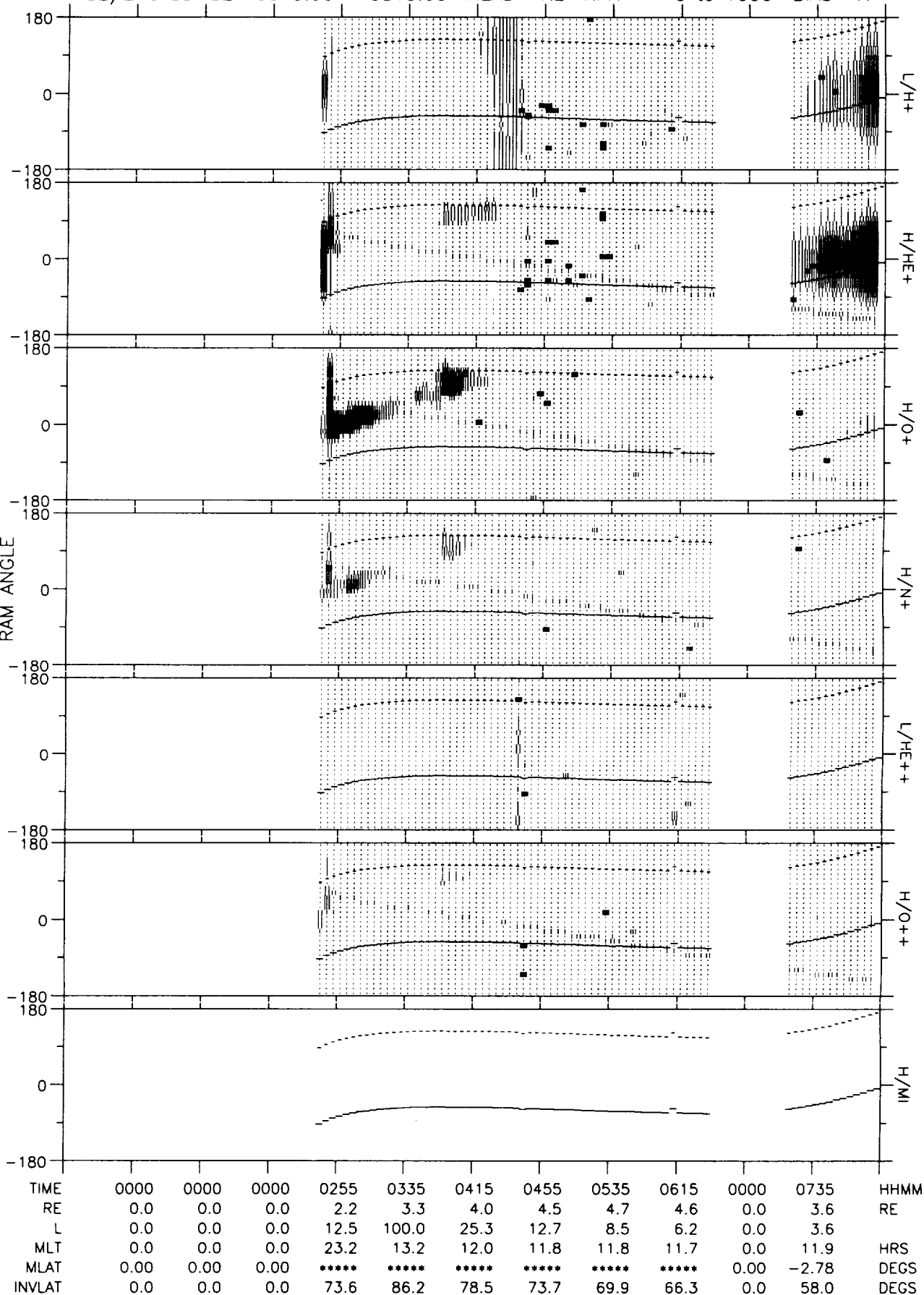
82/245 02-SEP 1700:00 - 0100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1740	1820	1900	1940	0000	0000	0000	2220	0000	0000	0000	HHMM
RE	3.8	3.0	1.7	1.3	0.0	0.0	0.0	4.6	0.0	0.0	0.0	RE
L	4.0	3.9	15.4	2.2	0.0	0.0	0.0	7.2	0.0	0.0	0.0	
MLT	12.0	11.9	10.8	23.7	0.0	0.0	0.0	12.6	0.0	0.0	0.0	HRS
MLAT	10.71	28.04	70.33	*****	0.00	0.00	0.00	*****	0.00	0.00	0.00	DEGS
INVLAT	60.1	59.7	75.2	47.5	0.0	0.0	0.0	68.1	0.0	0.0	0.0	DEGS

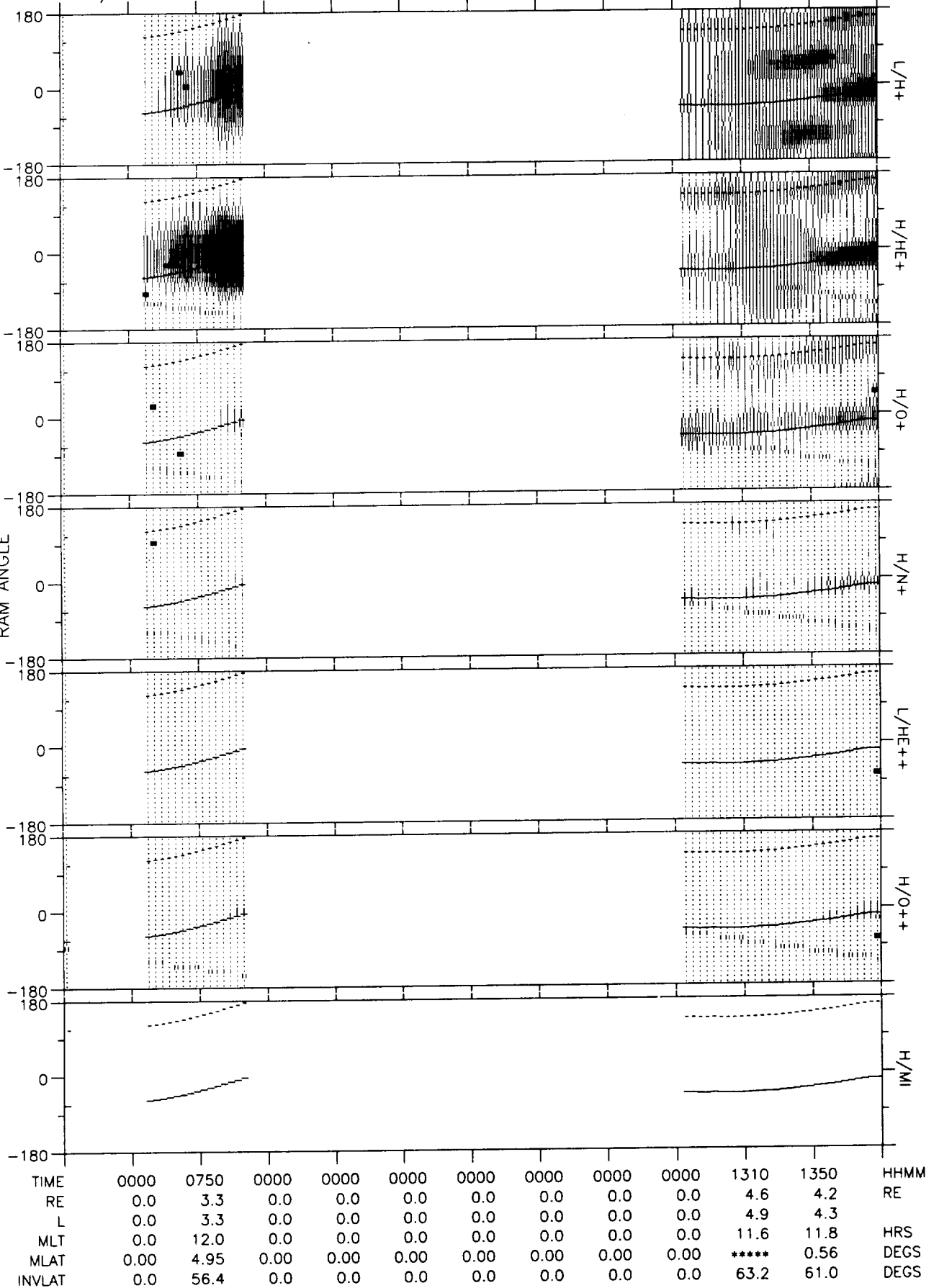
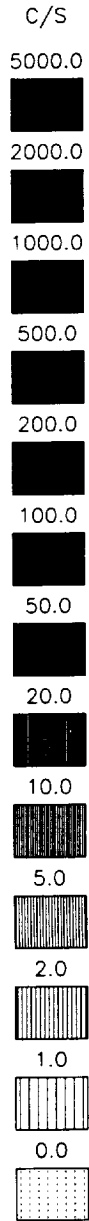
DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Wed Oct 27 16:22:32 1993

82/246 03-SEP 0015:00 - 0815:00 HEAD= RL RPA= 0 to 1000 BIAS= A



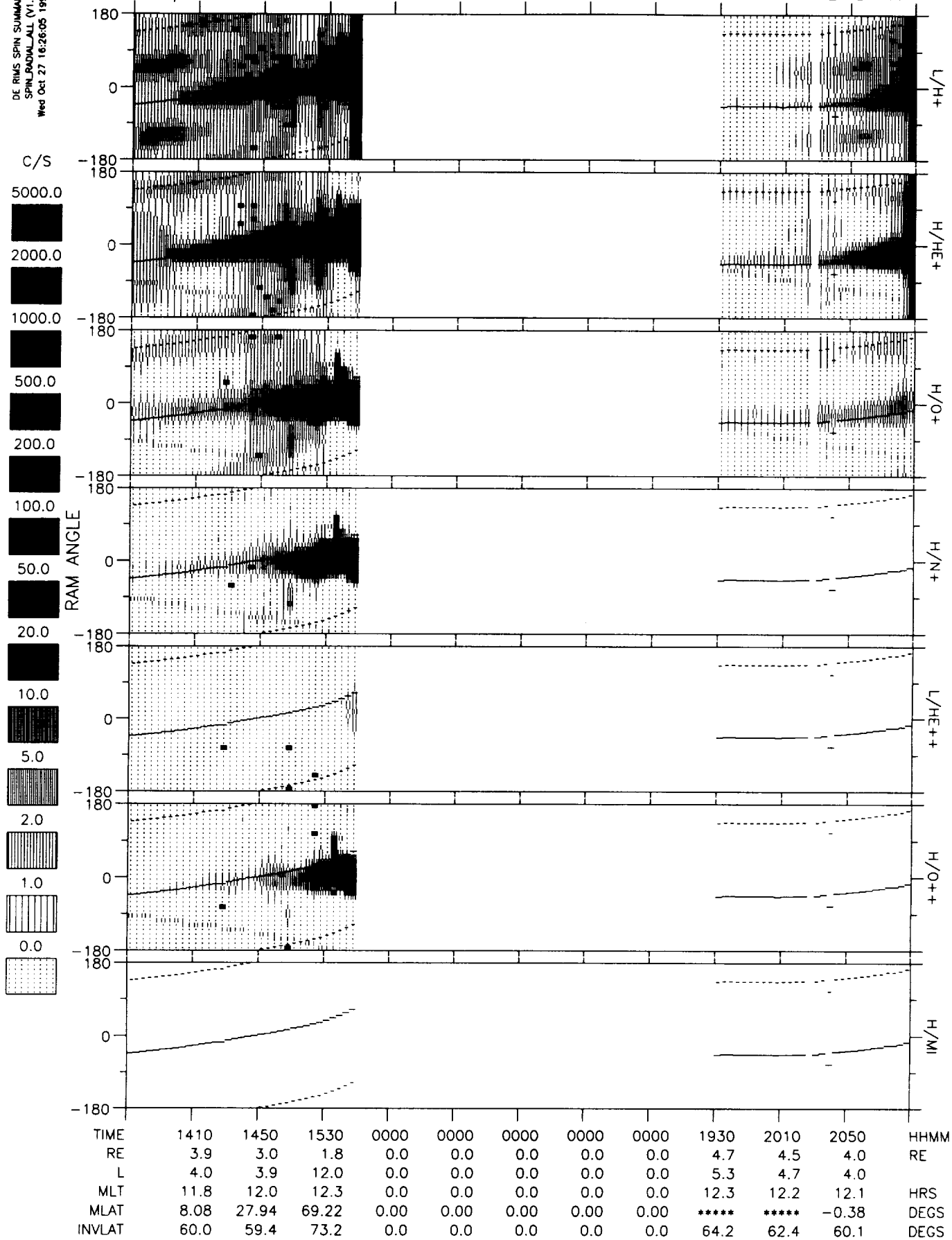
DE RIMS SPIN SUMMARY
SPIN RADIAL JALL (V1.0)
Wed Oct 27 16:24:24 1993

82/246 03-SEP 0630:00 - 1430:00 HEAD= RL RPA= 0 to 1000 BIAS= A



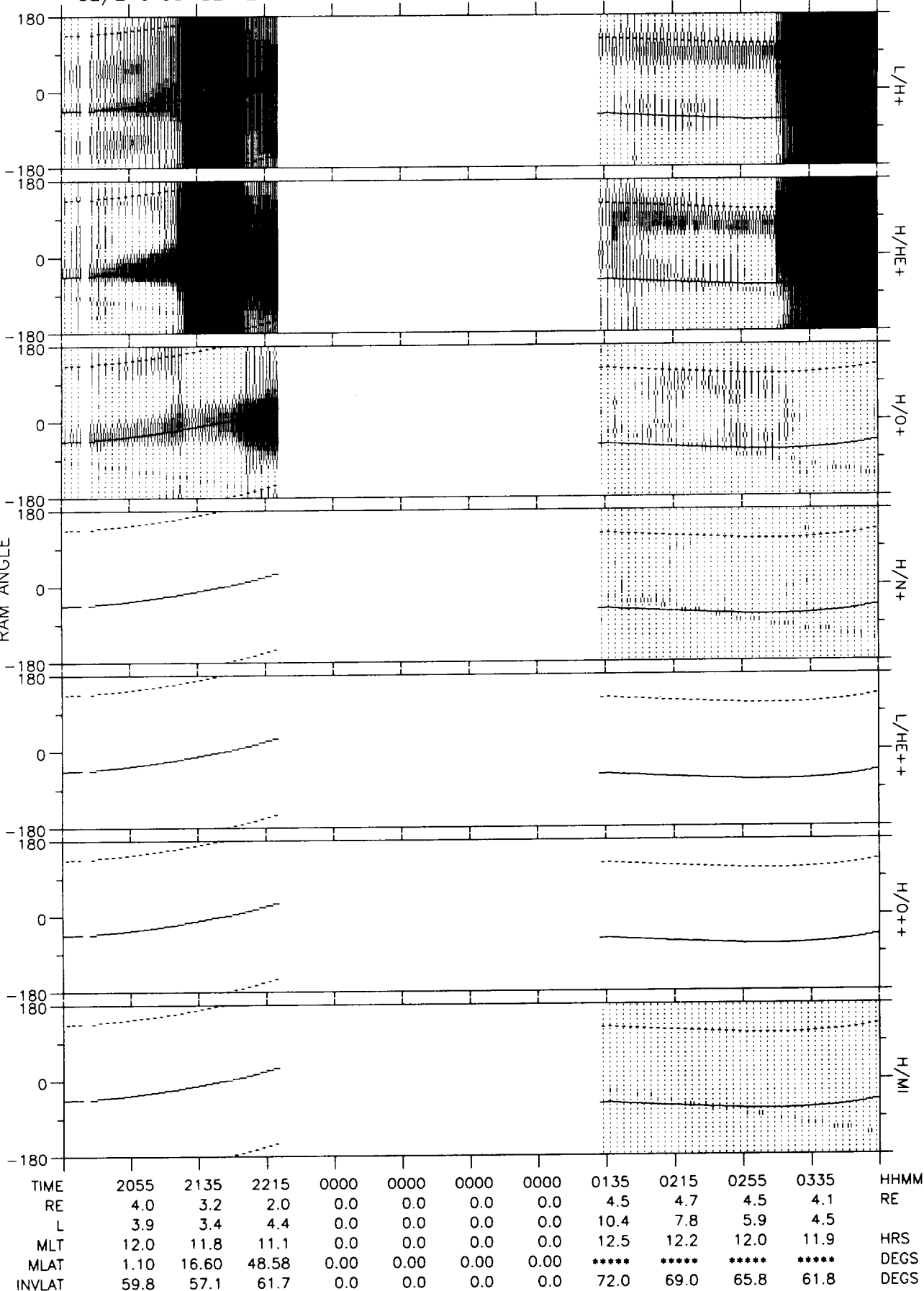
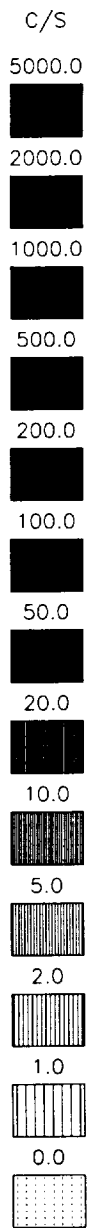
DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Wed Oct 27 16:26:05 1993

82/246 03-SEP 1330:00 - 2130:00 HEAD= RL RPA= 0 to 1000 BIAS= A



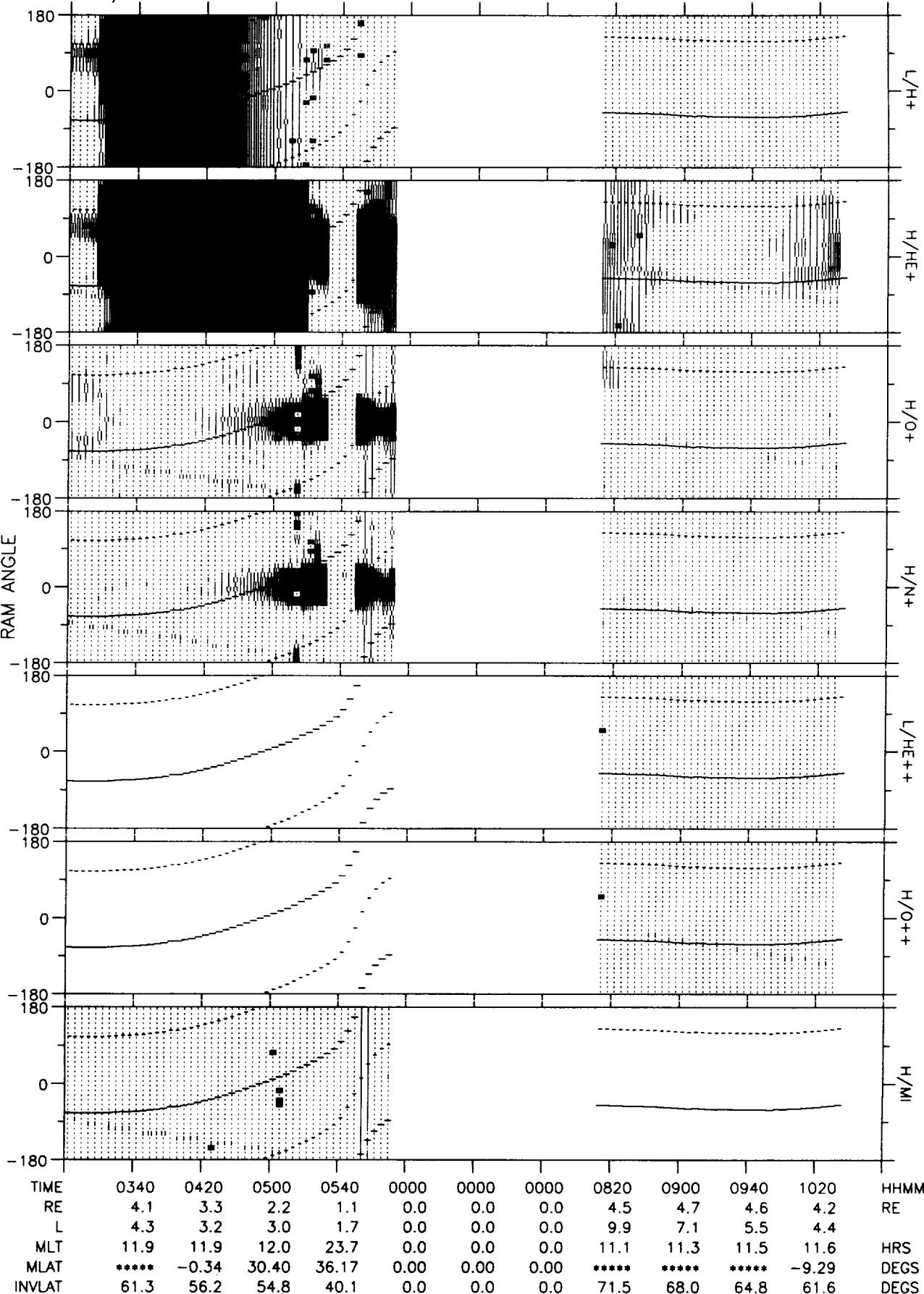
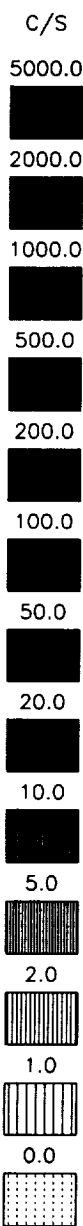
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Oct 27 16:28:03 1993

82/246 03-SEP 2015:00 - 0415:00 HEAD= RL RPA= 0 to 1000 BIAS= A



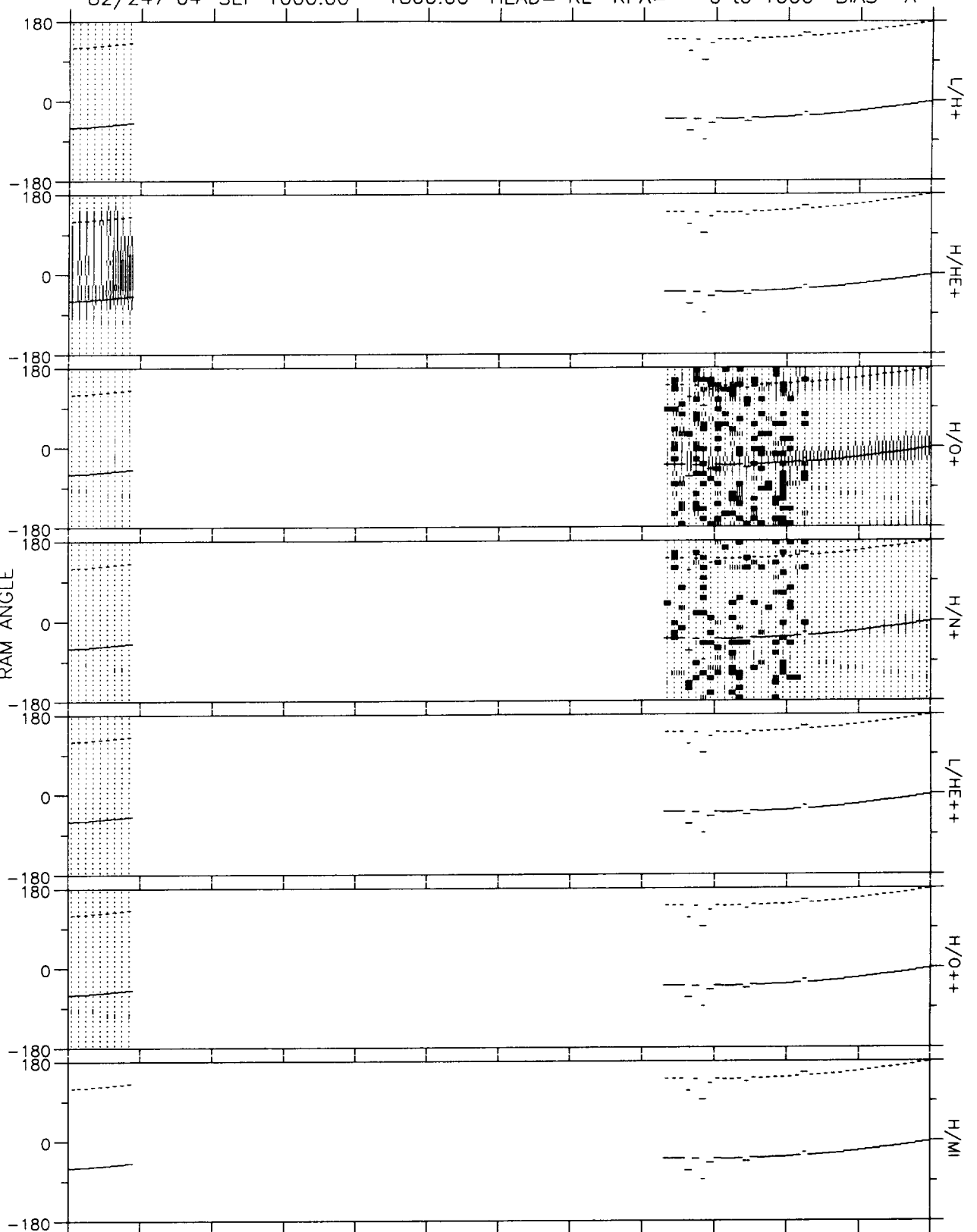
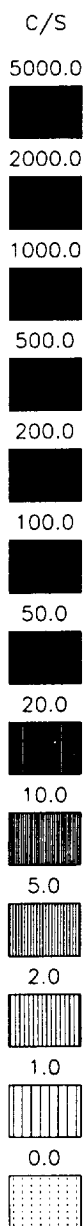
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Oct 27 20:37:06 1993

82/247 04-SEP 0300:00 - 1100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Wed Oct 27 20:39:41 1993

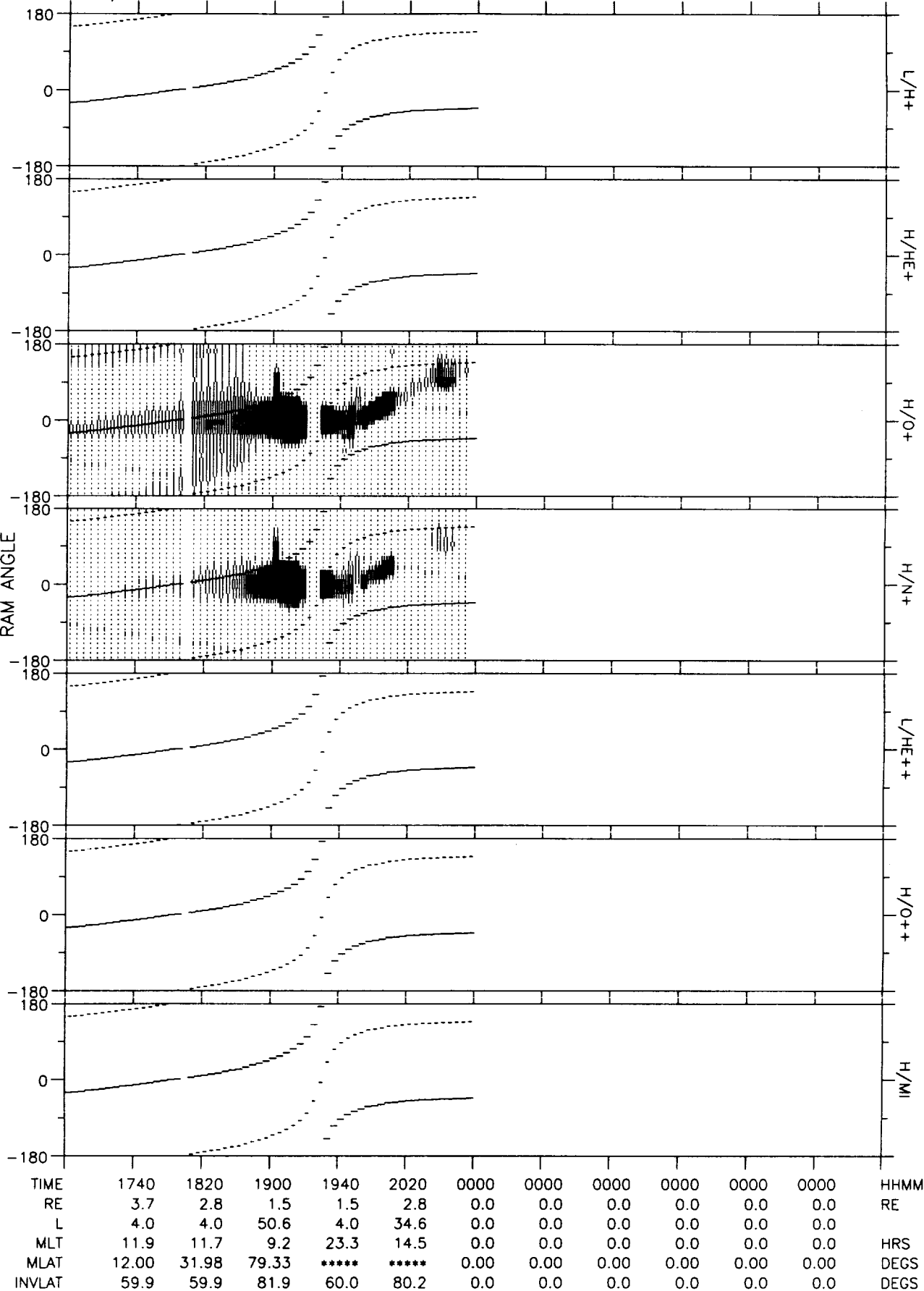
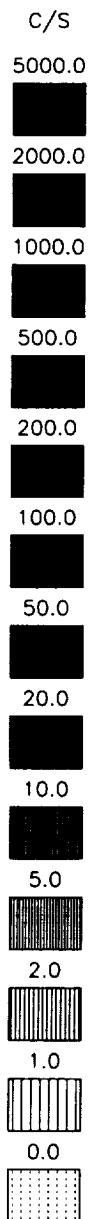
82/247 04-SEP 1000:00 - 1800:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0000	0000	0000	0000	0000	0000	1600	1640	1720	HHMM
RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	4.5	4.1	RE
L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	4.6	4.2	
MLT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.8	11.9	11.9	HRS
MLAT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****	-7.35	4.91	DEGS
INVLAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	62.3	60.6	DEGS

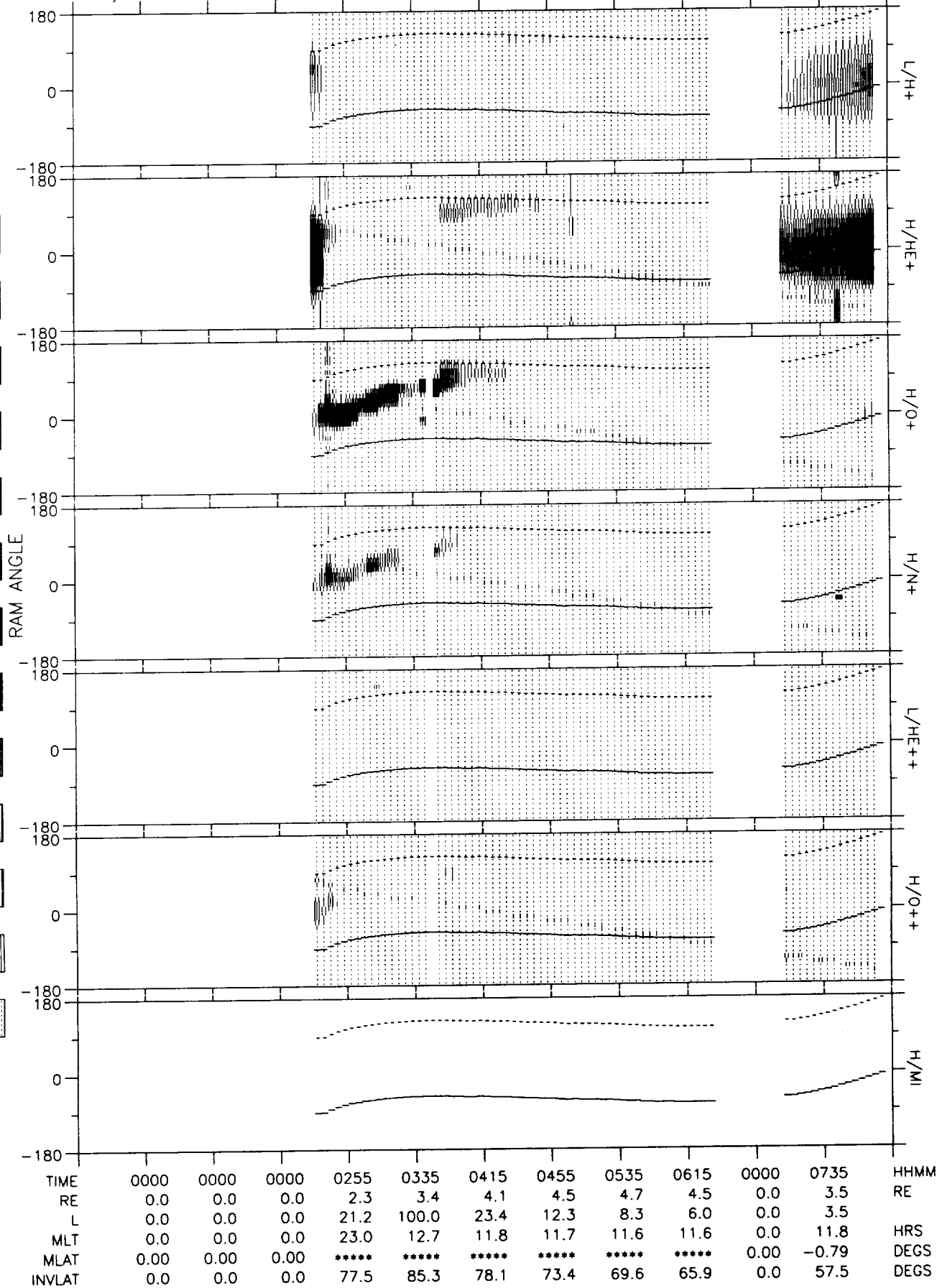
DE RIMS SPIN SUMMARY
SPIN/RADIAL ALL (V1.0)
Wed Oct 27 20:41:00 1993

82/247 04-SEP 1700:00 - 0100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



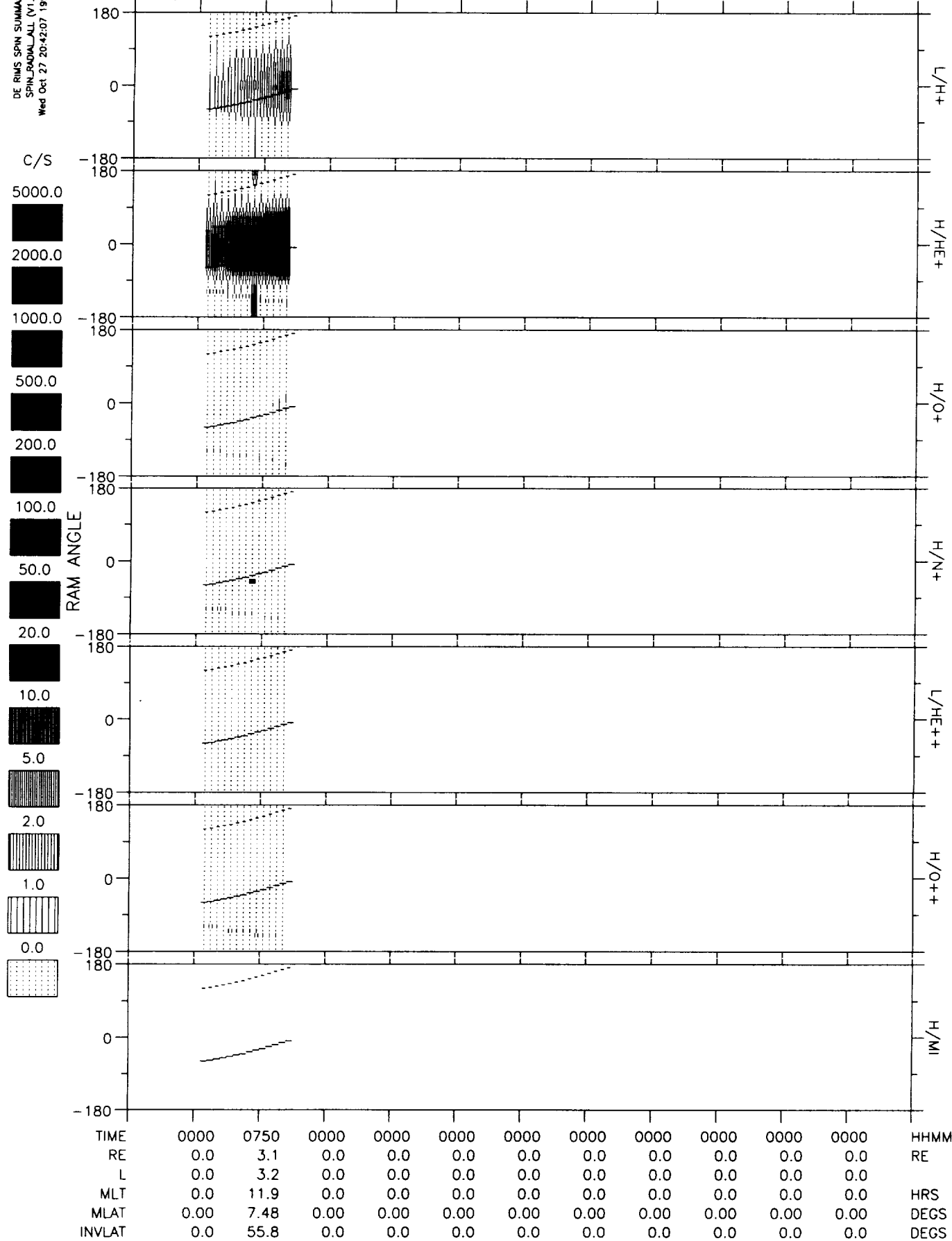
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Oct 27 20:40:11 1993

82/248 05-SEP 0015:00 - 0815:00 HEAD= RL RPA= 0 to 1000 BIAS= A



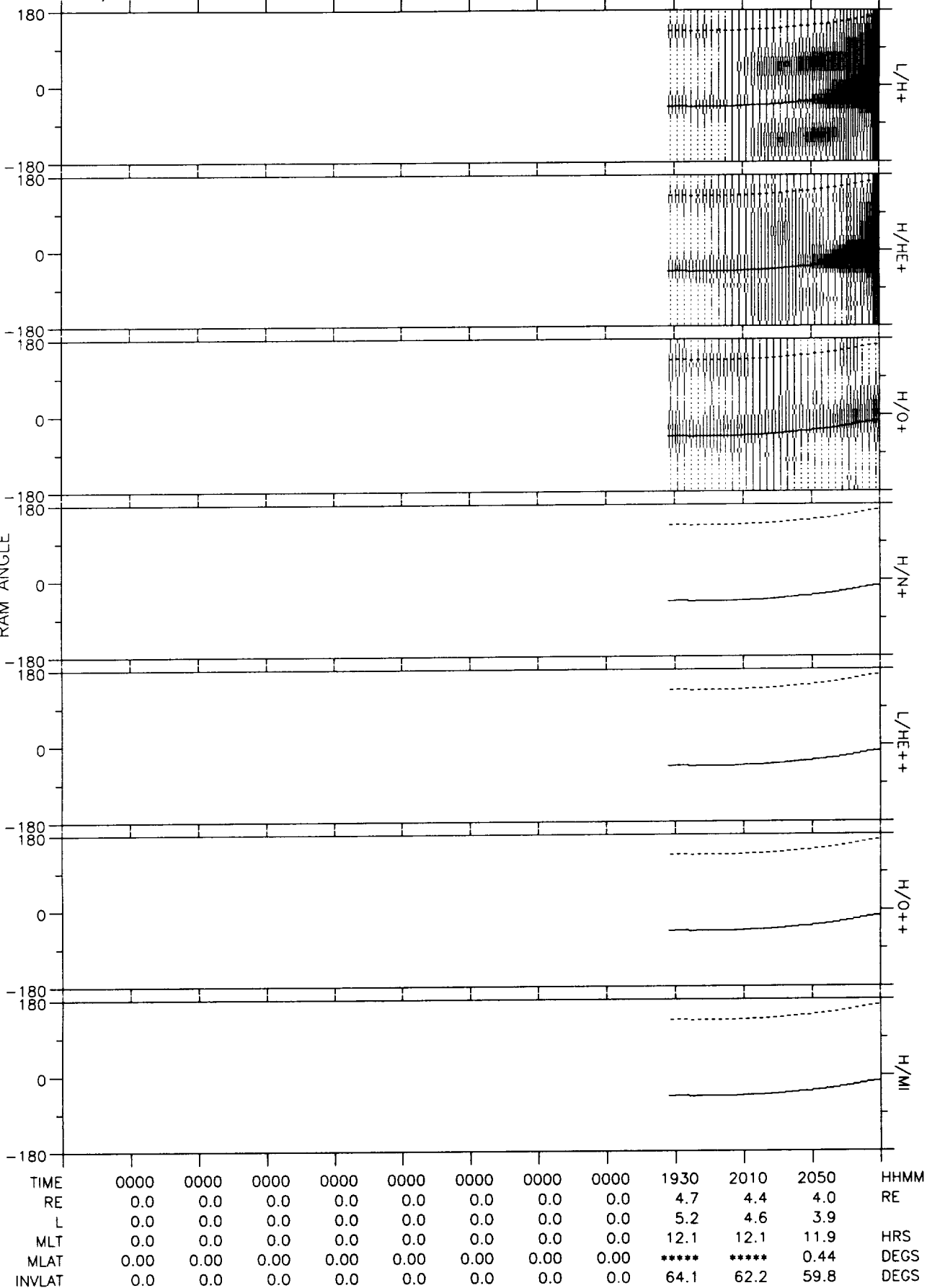
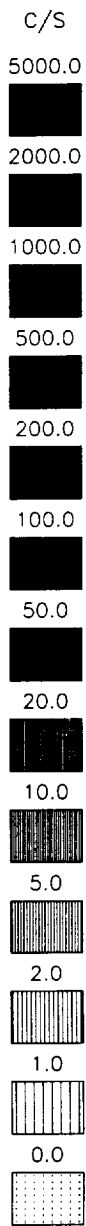
DE RMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Oct 27 20:42:07 1993

82/248 05-SEP 0630:00 - 1430:00 HEAD= RL RPA= 0 to 1000 BIAS= A



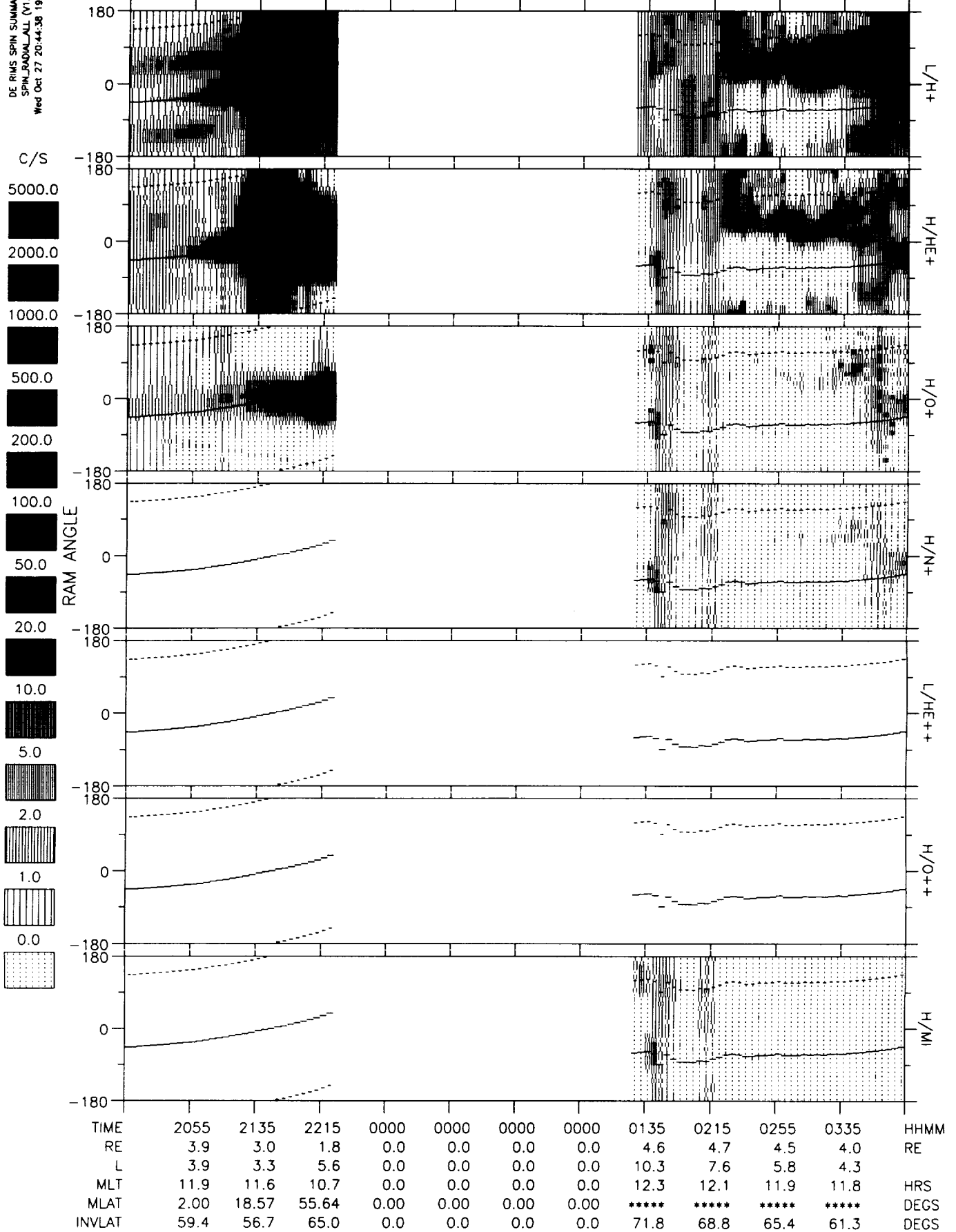
DE RIMS SPIN SUMMARY
SPIN/RADIAL ALL (V1.0)
Wed Oct 27 20:43:20 1993

82/248 05-SEP 1330:00 - 2130:00 HEAD= RL RPA= 0 to 1000 BIAS= A



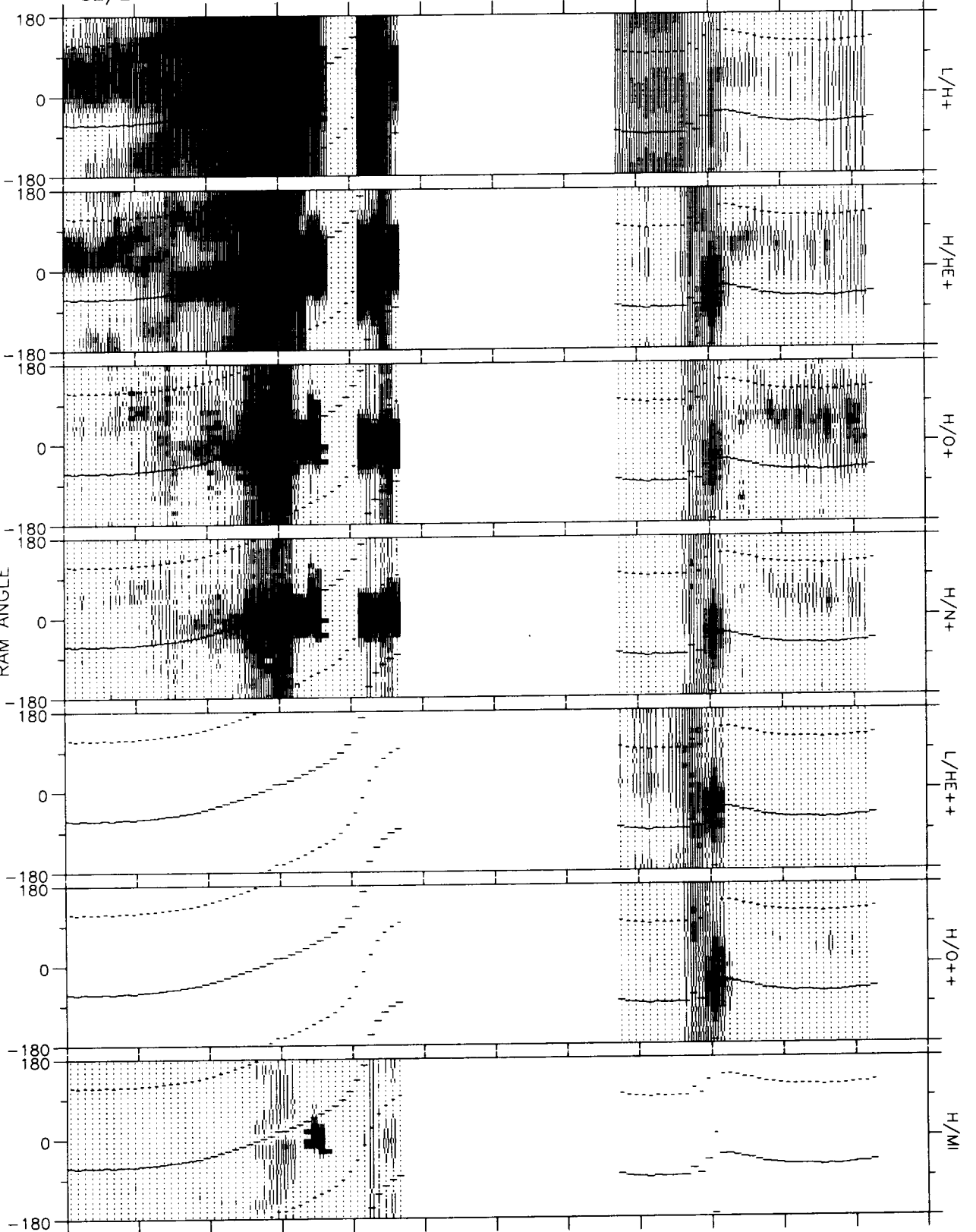
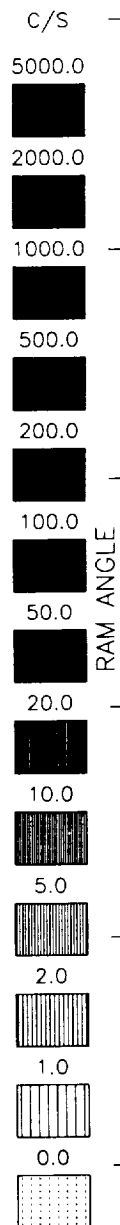
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Oct 27 20:44:38 1993

82/248 05-SEP 2015:00 - 0415:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Oct 27 20:46:52 1993

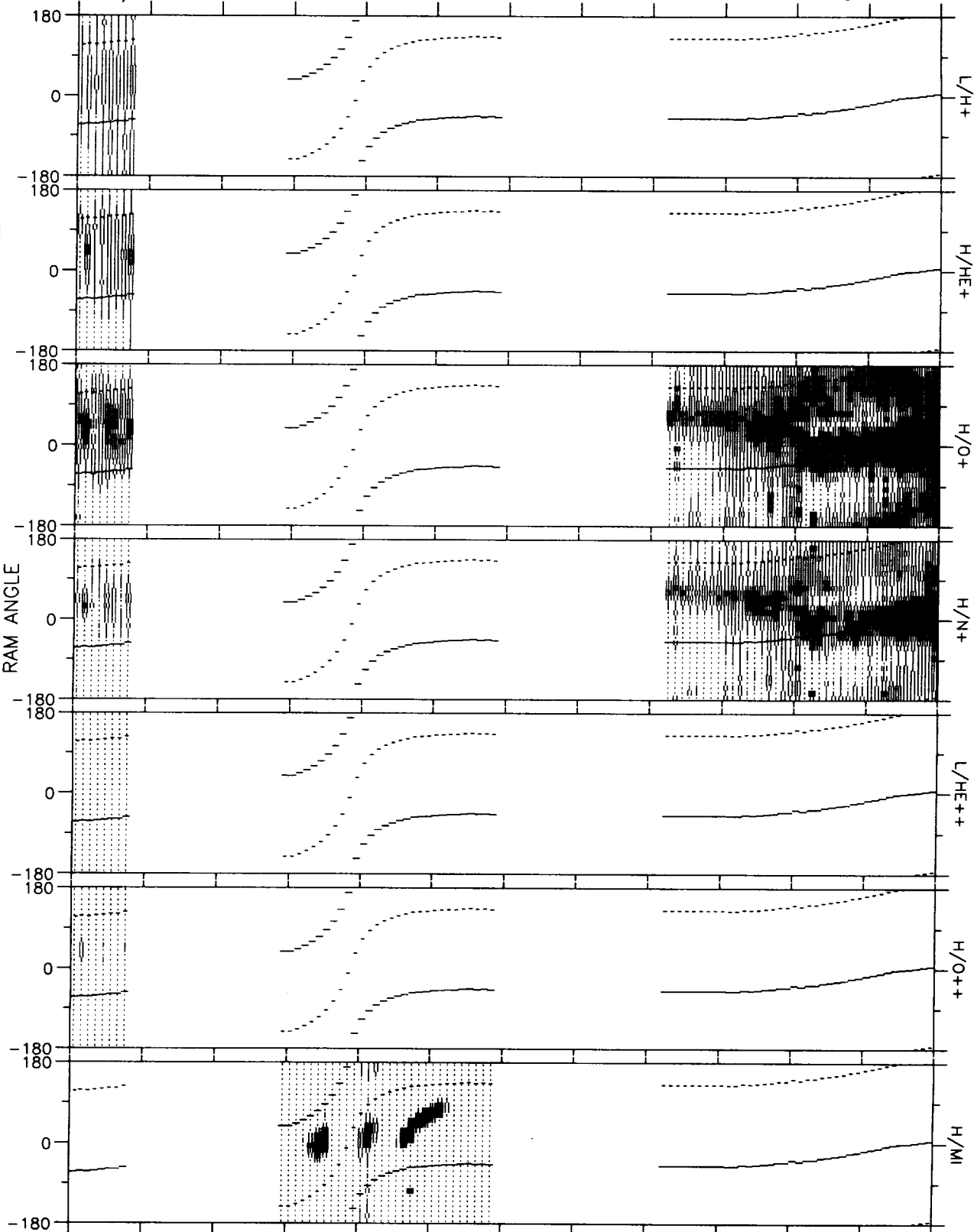
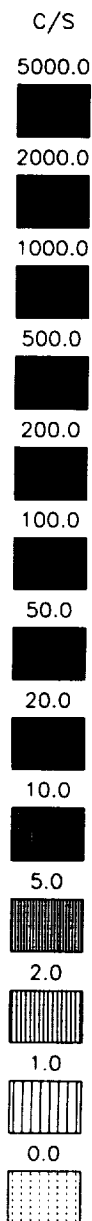
82/249 06-SEP 0300:00 - 1100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0340	0420	0500	0540	0000	0000	0000	0820	0900	0940	1020	HHMM
RE	4.0	3.2	2.0	1.1	0.0	0.0	0.0	4.5	4.7	4.5	4.1	RE
L	4.2	3.1	3.3	1.2	0.0	0.0	0.0	9.6	6.9	5.4	4.3	
MLT	11.8	11.8	11.9	23.7	0.0	0.0	0.0	11.0	11.2	11.4	11.6	HRS
MLAT	*****	1.82	36.63	12.37	0.00	0.00	0.00	*****	*****	*****	-7.86	DEGS
INVLAT	60.8	55.5	56.5	24.7	0.0	0.0	0.0	71.2	67.7	64.4	61.2	DEGS

DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Wed Oct 27 20:49:36 1993

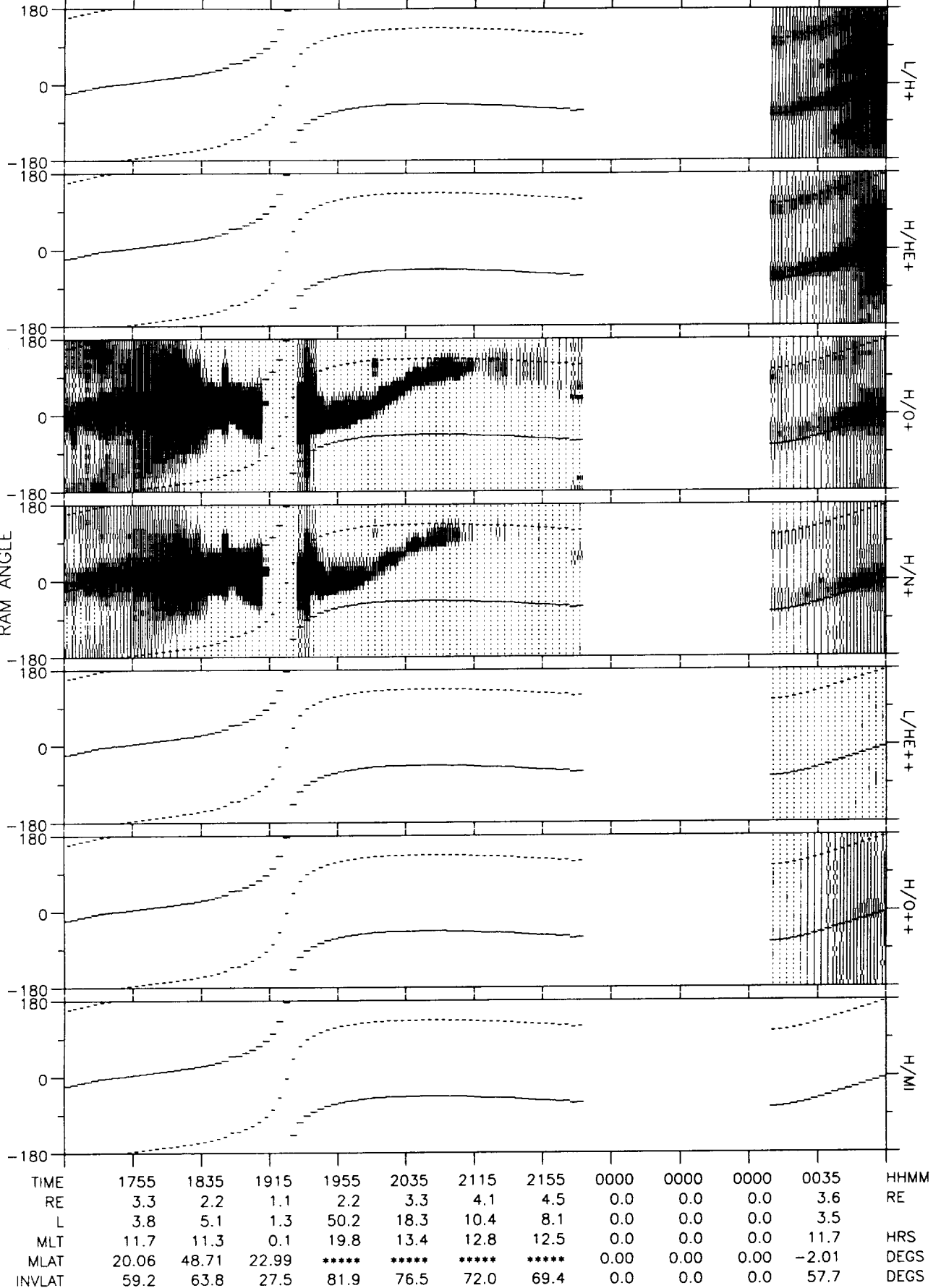
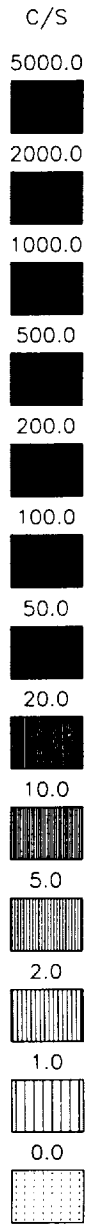
82/249 06-SEP 1000:00 - 1800:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	1200	1240	1320	0000	0000	0000	1600	1640	1720	HHMM
RE	0.0	0.0	1.7	1.4	2.7	0.0	0.0	0.0	4.7	4.5	4.0	RE
L	0.0	0.0	8.6	2.3	40.1	0.0	0.0	0.0	5.1	4.6	4.1	
MLT	0.0	0.0	13.3	0.1	9.3	0.0	0.0	0.0	11.7	11.8	11.8	HRS
MLAT	0.00	0.00	66.27	*****	*****	0.00	0.00	0.00	*****	-6.18	6.02	DEGS
INVLAT	0.0	0.0	70.0	49.3	80.9	0.0	0.0	0.0	63.8	62.1	60.4	DEGS

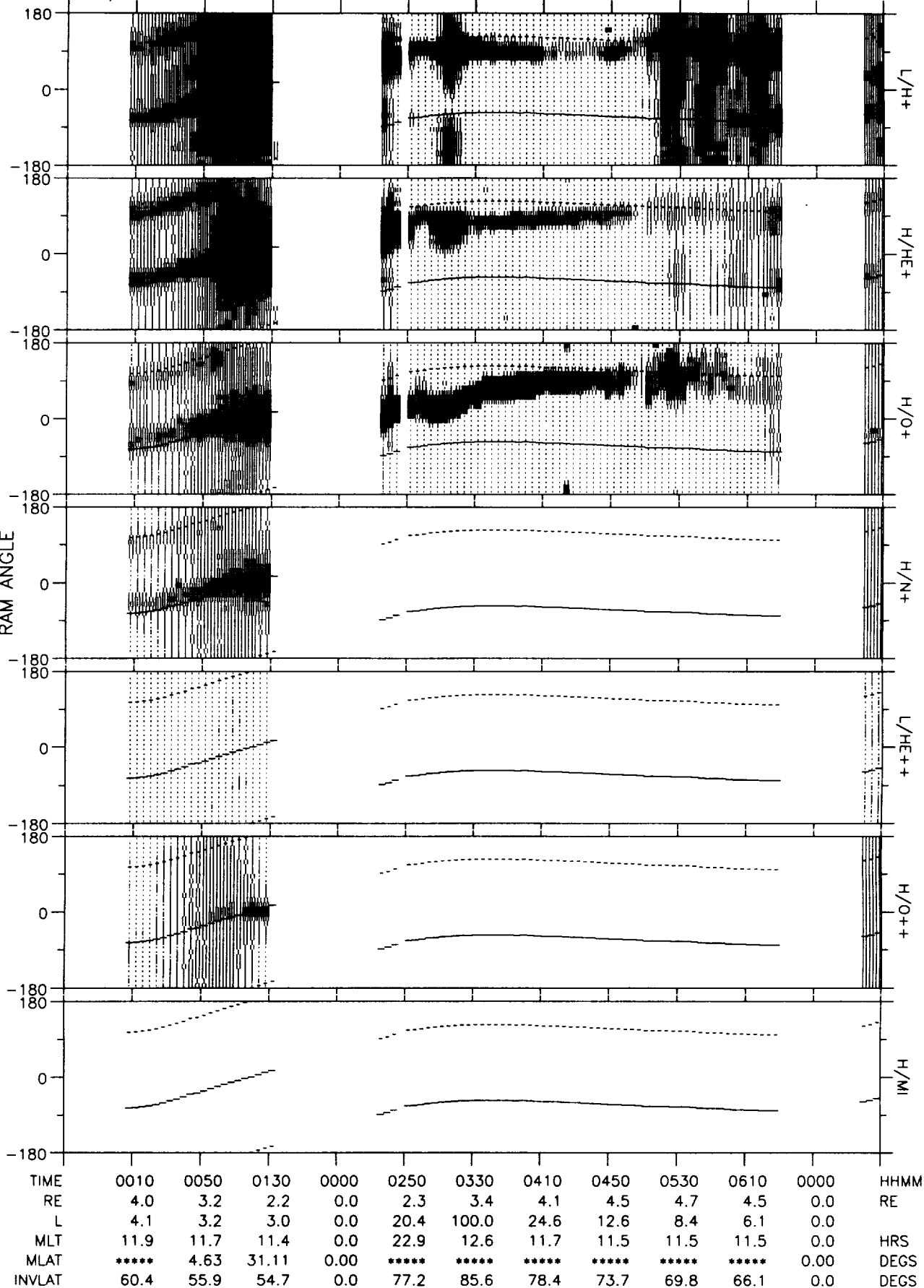
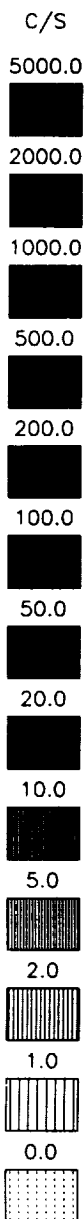
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Oct 27 20:51:08 1993

82/249 06-SEP 1715:00 - 0115:00 HEAD= RL RPA= 0 to 1000 BIAS= A



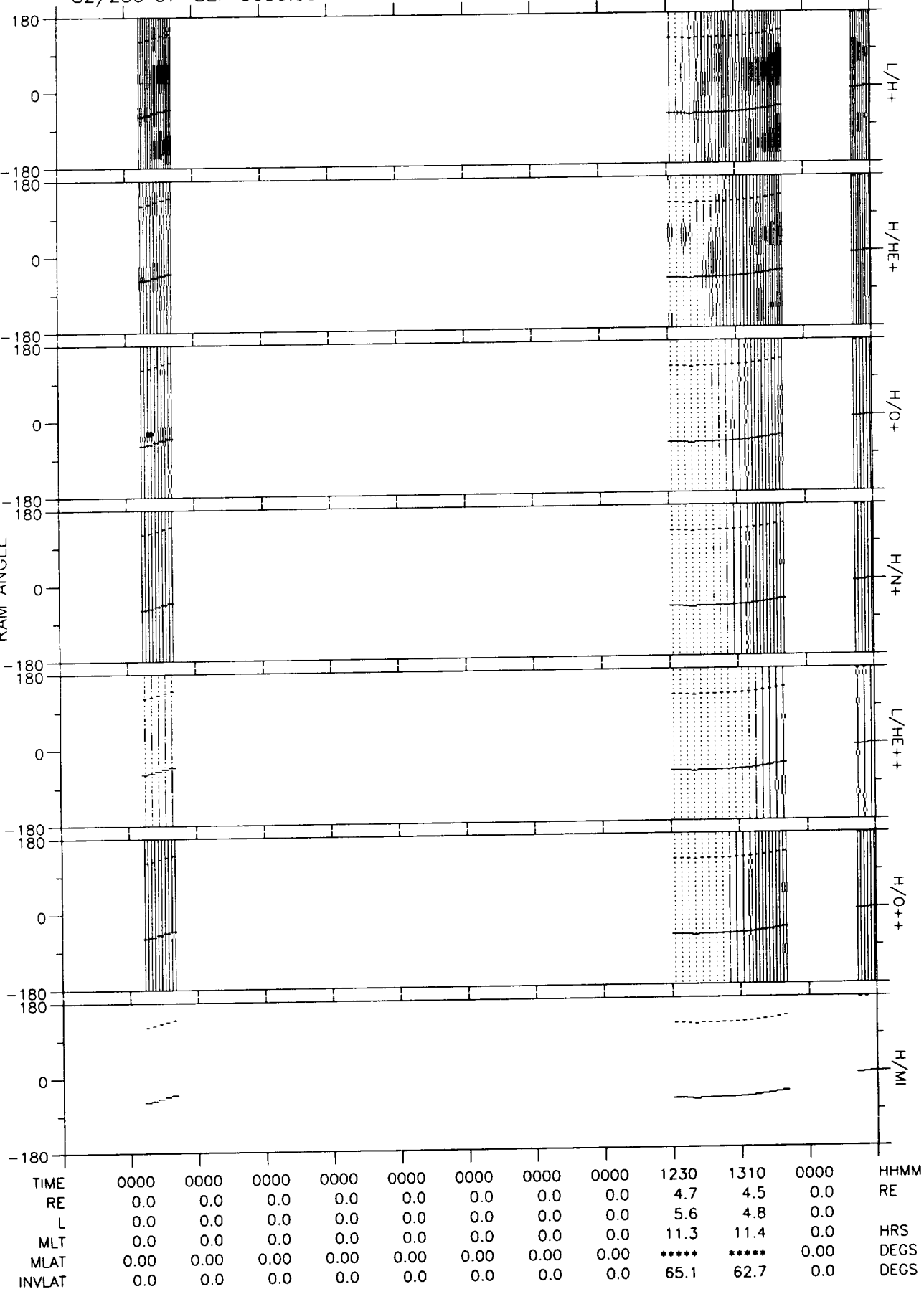
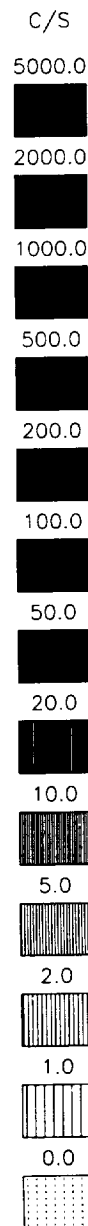
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Oct 27 20:53:10 1993

82/249 06-SEP 2330:00 - 0730:00 HEAD= RL RPA= 0 to 1000 BIAS= A



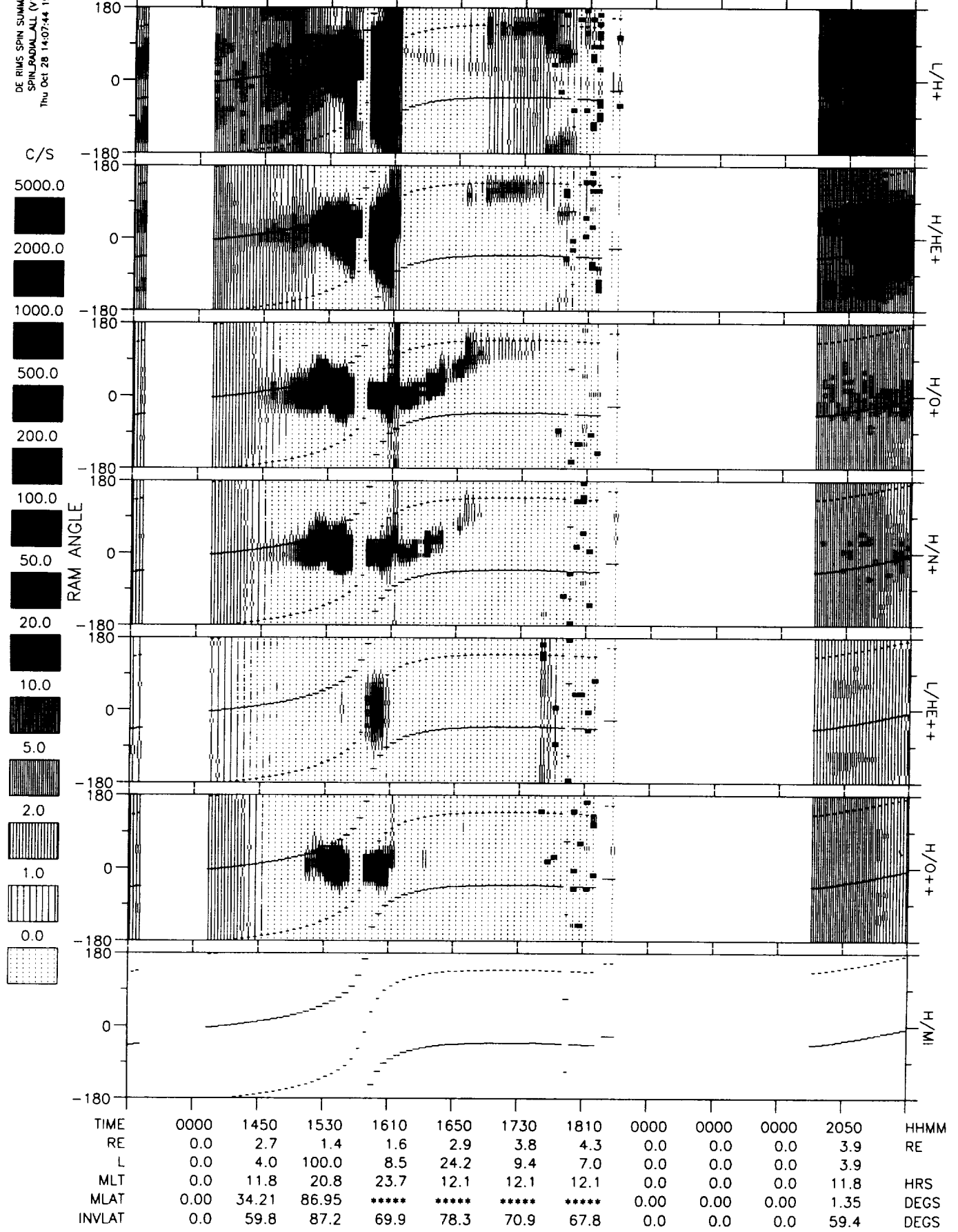
DE RMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Oct 28 14:06:23 1993

82/250 07-SEP 0630:00 - 1430:00 HEAD= RL RPA= 0 to 1000 BIAS= A



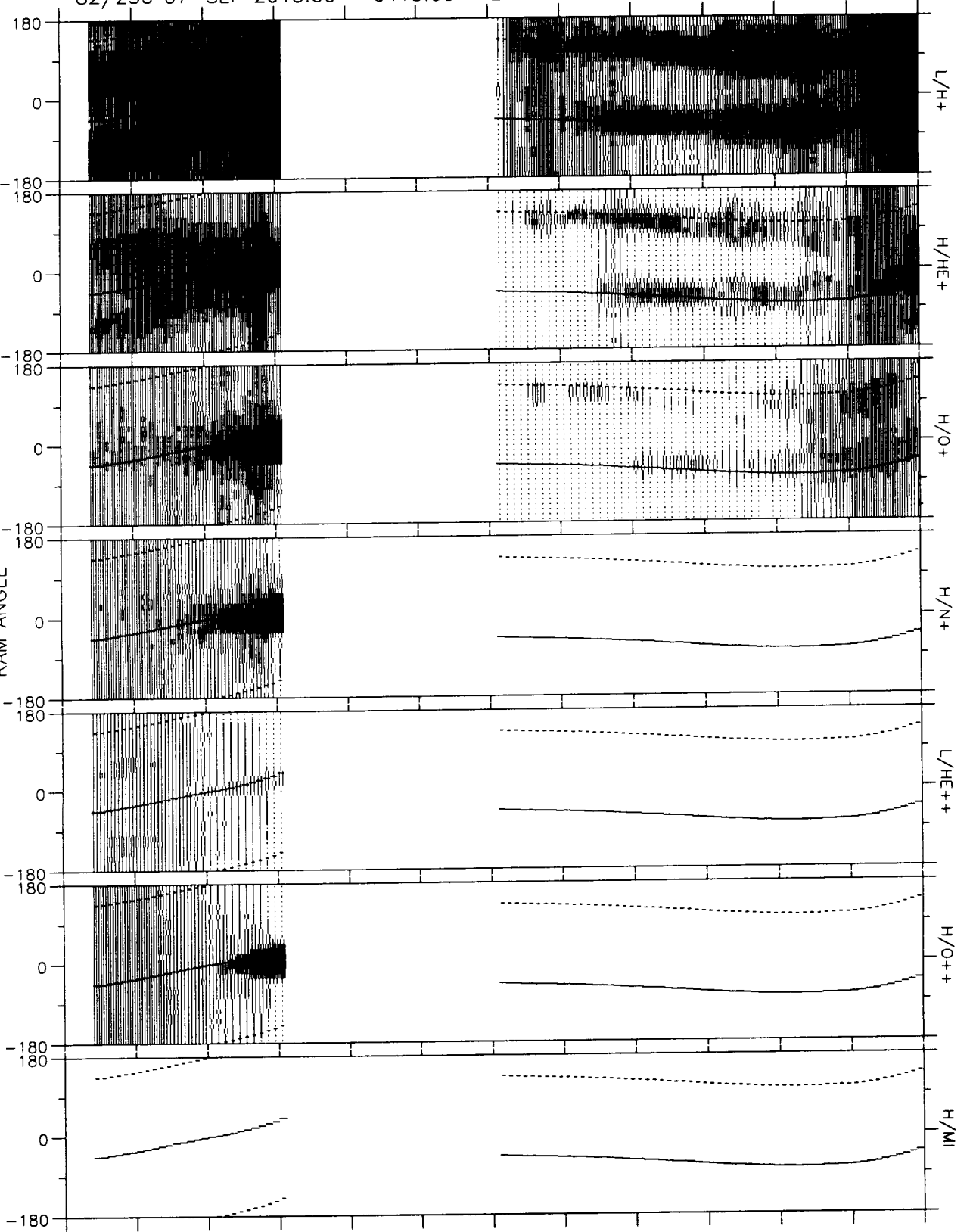
DE RIMS SPIN SUMMARY
SPIN/RADIAL ALL (V1.0)
Thu Oct 28 14:07:44 1993

82/250 07-SEP 1330:00 - 2130:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Thu Oct 28 14:10:12 1993

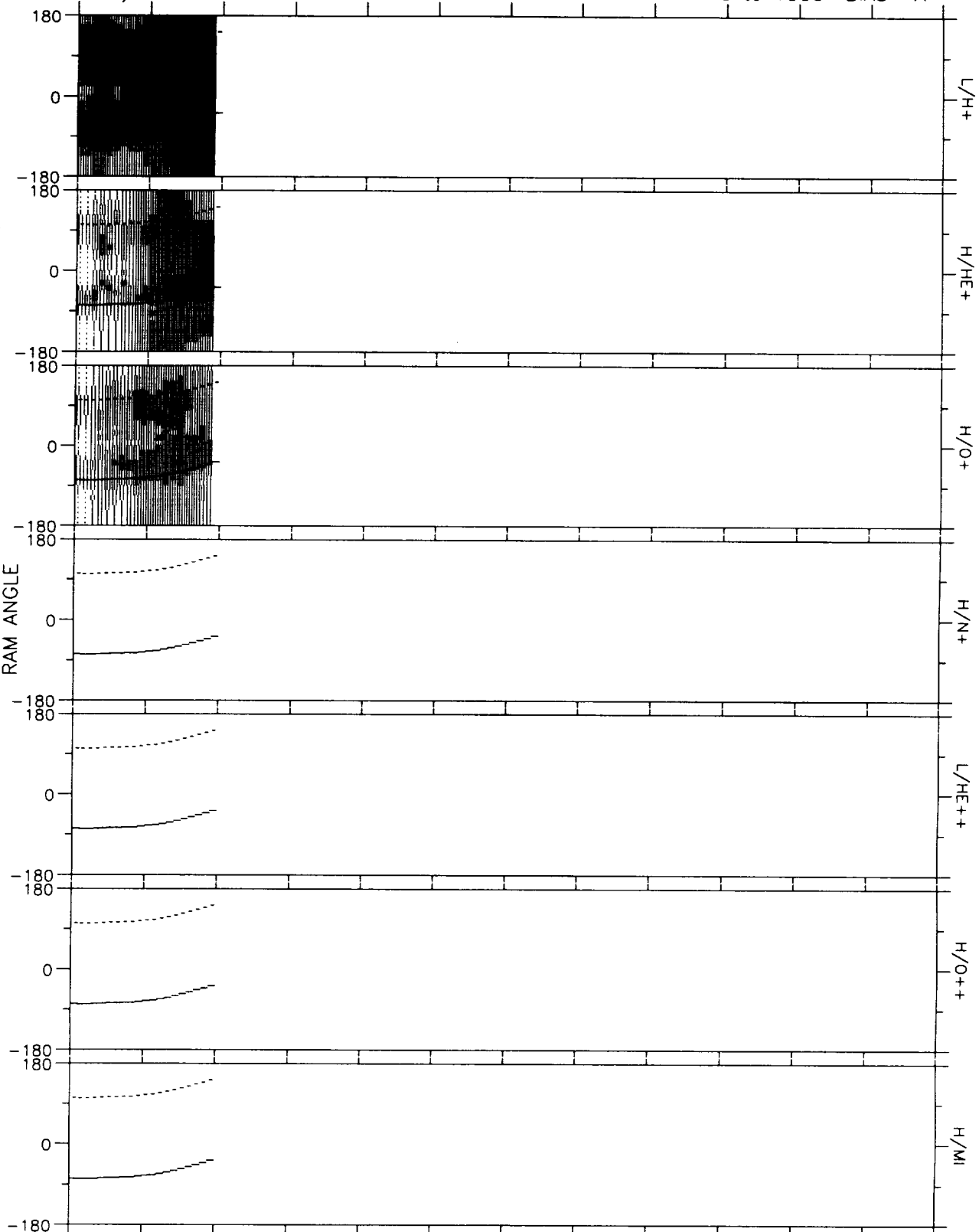
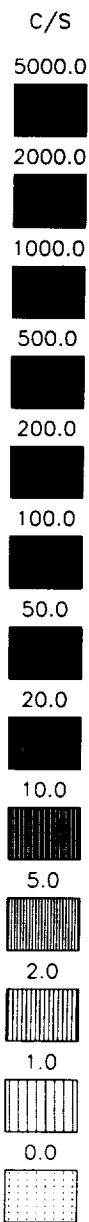
82/250 07-SEP 2015:00 - 0415:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	2055	2135	2215	0000	0000	0000	0055	0135	0215	0255	0335	HHMM
RE	3.8	2.9	1.7	0.0	0.0	0.0	4.3	4.6	4.7	4.4	4.0	RE
L	3.8	3.3	6.3	0.0	0.0	0.0	14.8	10.1	7.5	5.7	4.2	HRS
MLT	11.8	11.5	10.5	0.0	0.0	0.0	12.5	12.1	11.9	11.8	11.7	DEGS
MLAT	3.03	20.94	58.37	0.00	0.00	0.00	*****	*****	*****	*****	*****	DEGS
INVLAT	59.0	56.3	66.5	0.0	0.0	0.0	75.0	71.7	68.6	65.1	60.8	

DE RIMS SPIN SUMMARY
SPIN/RADIAL ALL (V1.0)
Thu Oct 28 14:12:41 1993

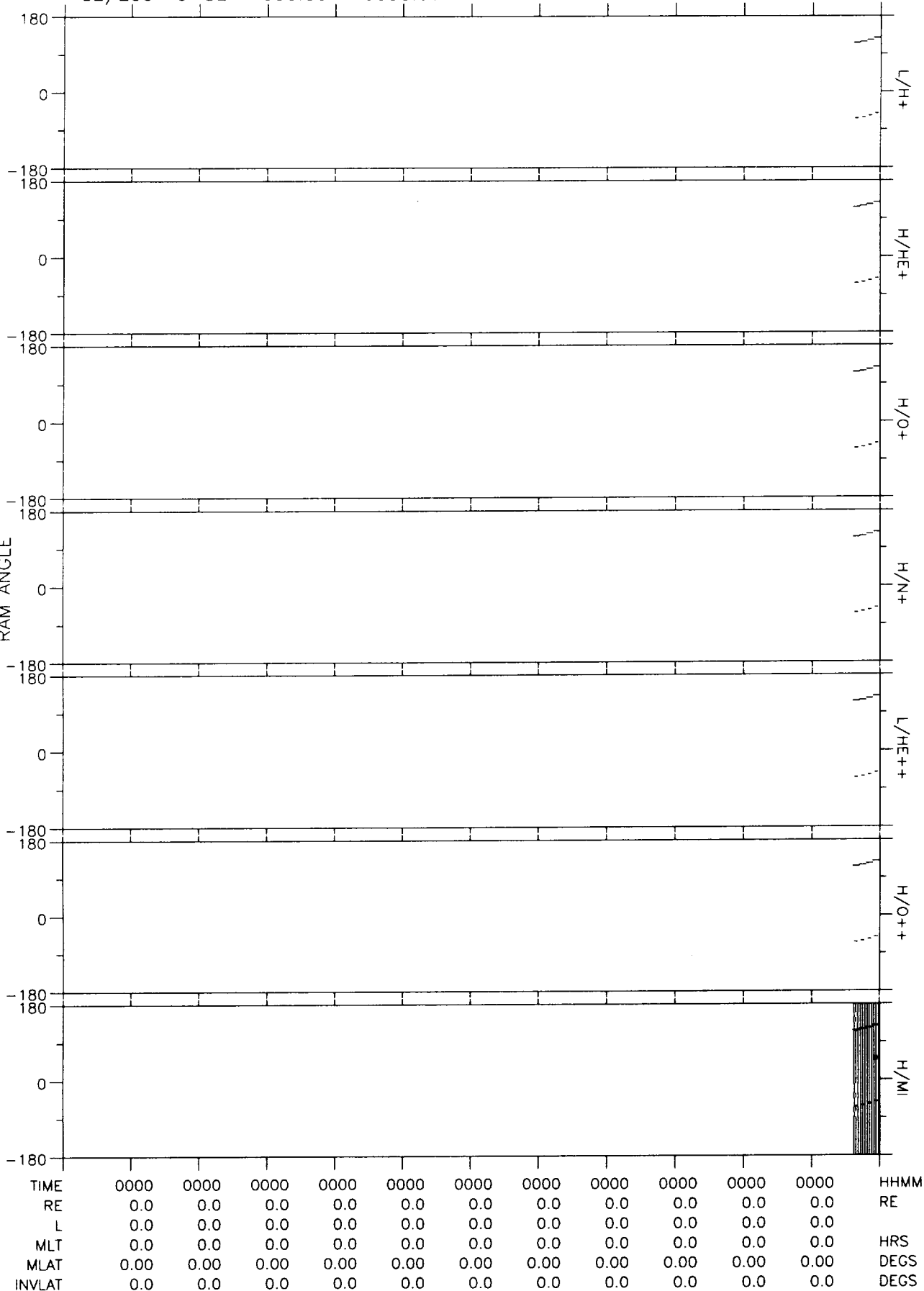
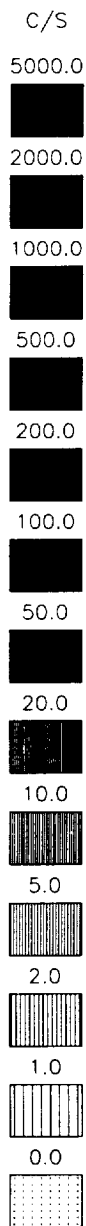
82/251 08-SEP 0300:00 - 1100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0340	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	HHMM
RE	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	RE
L	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MLT	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	HRS
MLAT	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	DEGS
INVLAT	60.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DEGS

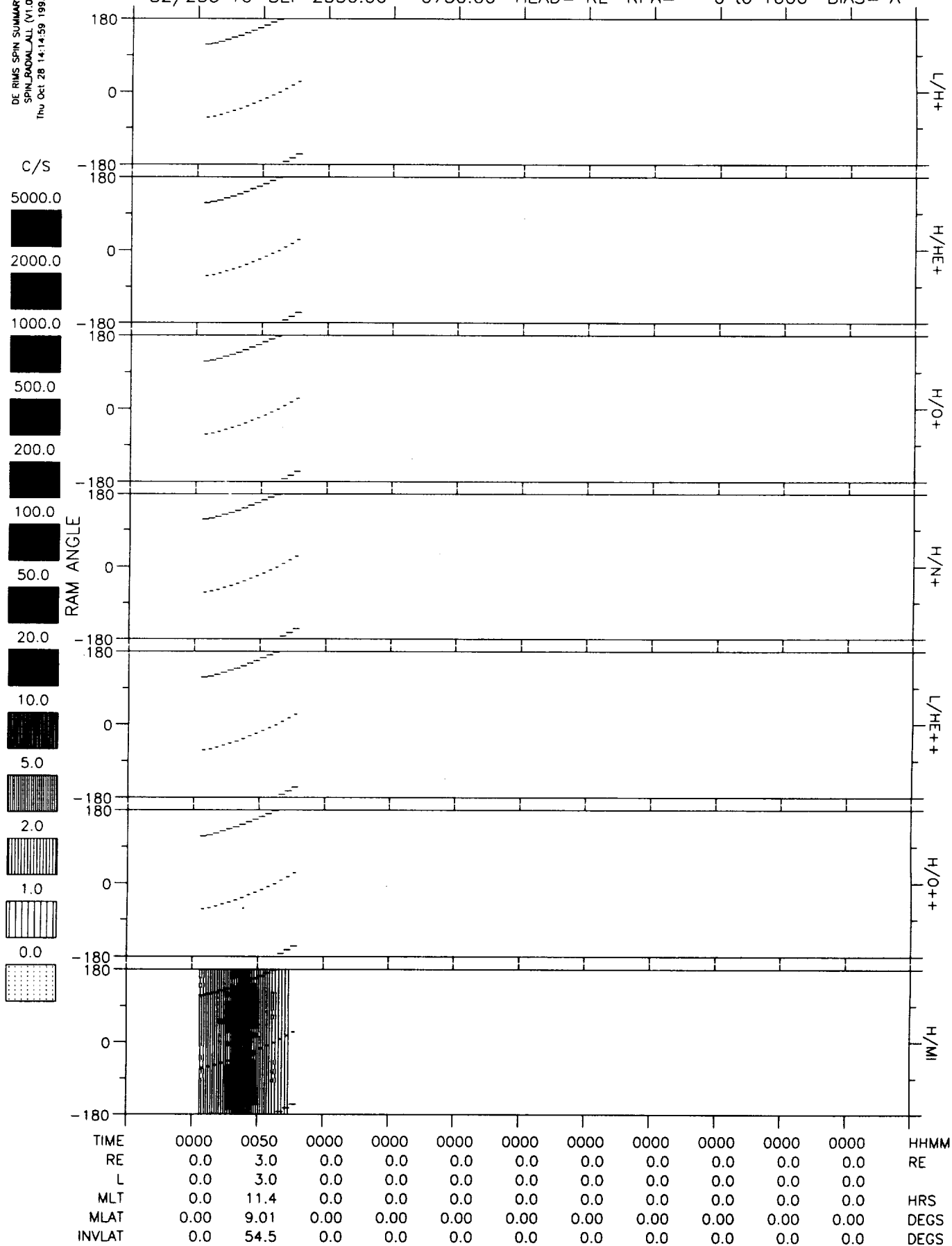
DE RIMS SPIN SUMMARY
SPIN/RADIAL ALL (V1.0)
Thu Oct 28 14:13:59 1993

82/253 10-SEP 1630:00 - 0030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



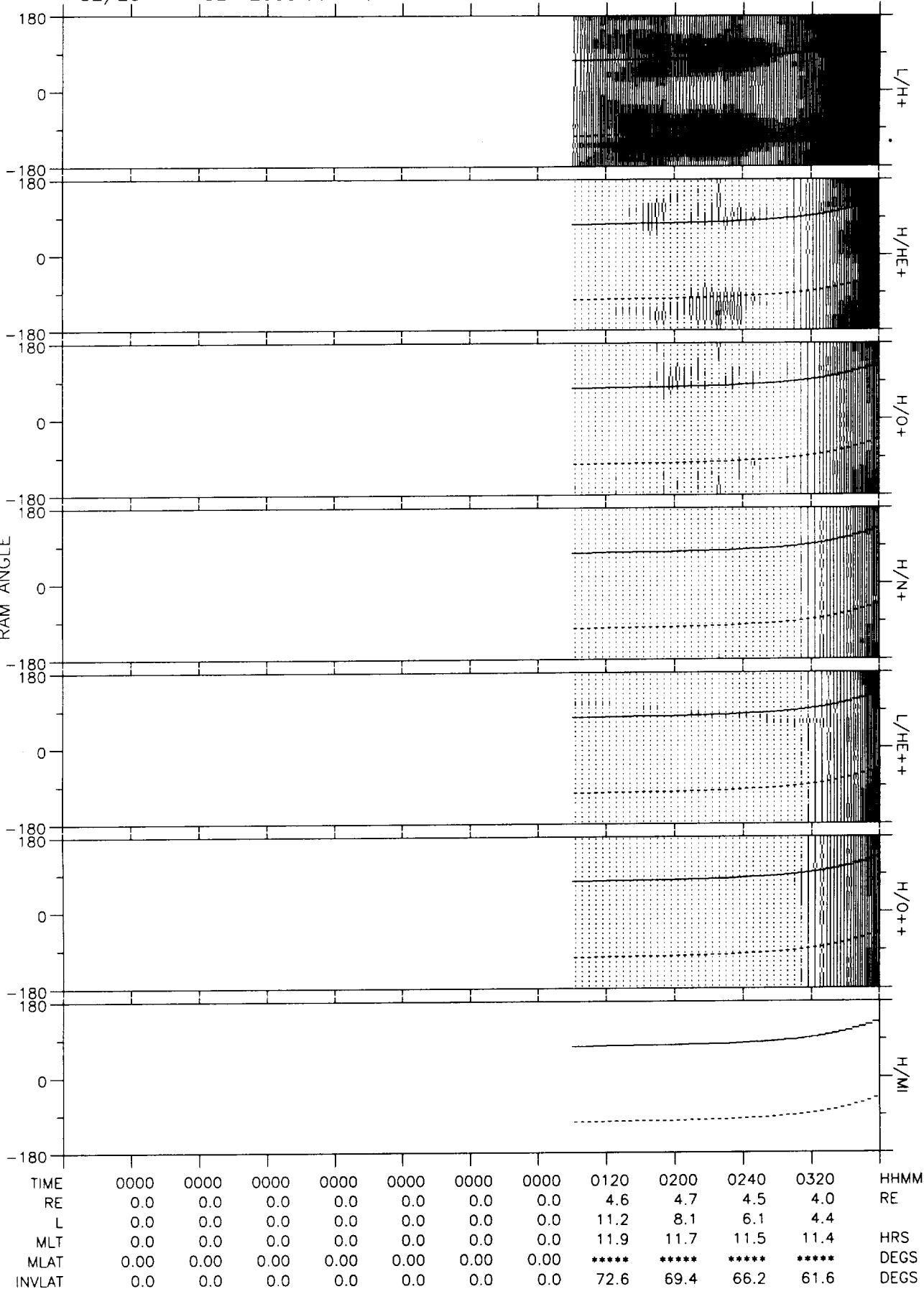
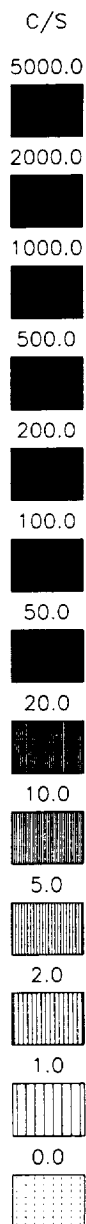
DE RIMS SPIN SUMMARY
SPIN/DUAL/ALL (V1.0)
Thu Oct 28 14:14:59 1993

82/253 10-SEP 2330:00 - 0730:00 HEAD= RL RPA= 0 to 1000 BIAS= A



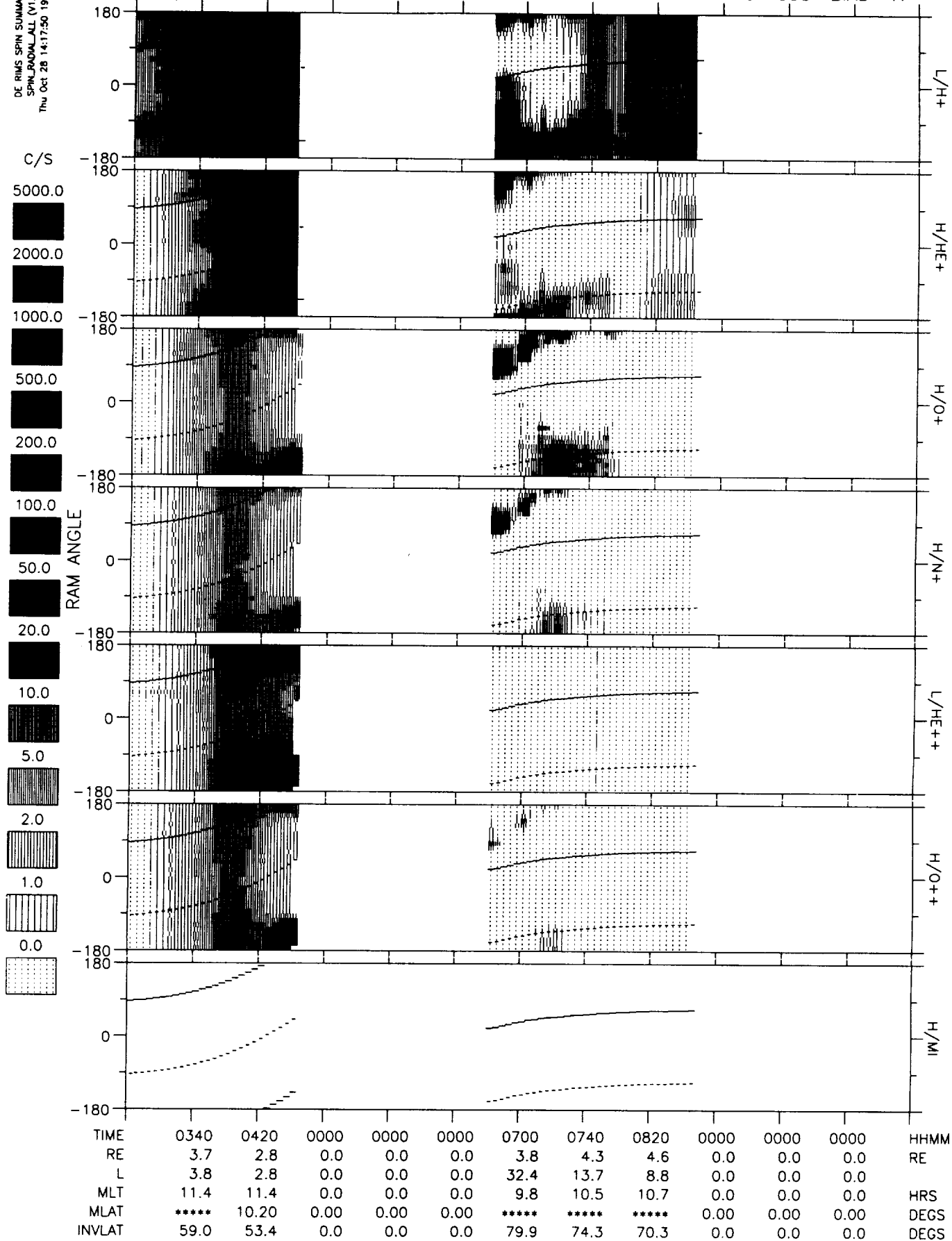
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Thu Oct 28 14:16:02 1993

82/254 11-SEP 2000:00 - 0400:00 HEAD= RL RPA= 0 to 1000 BIAS= A



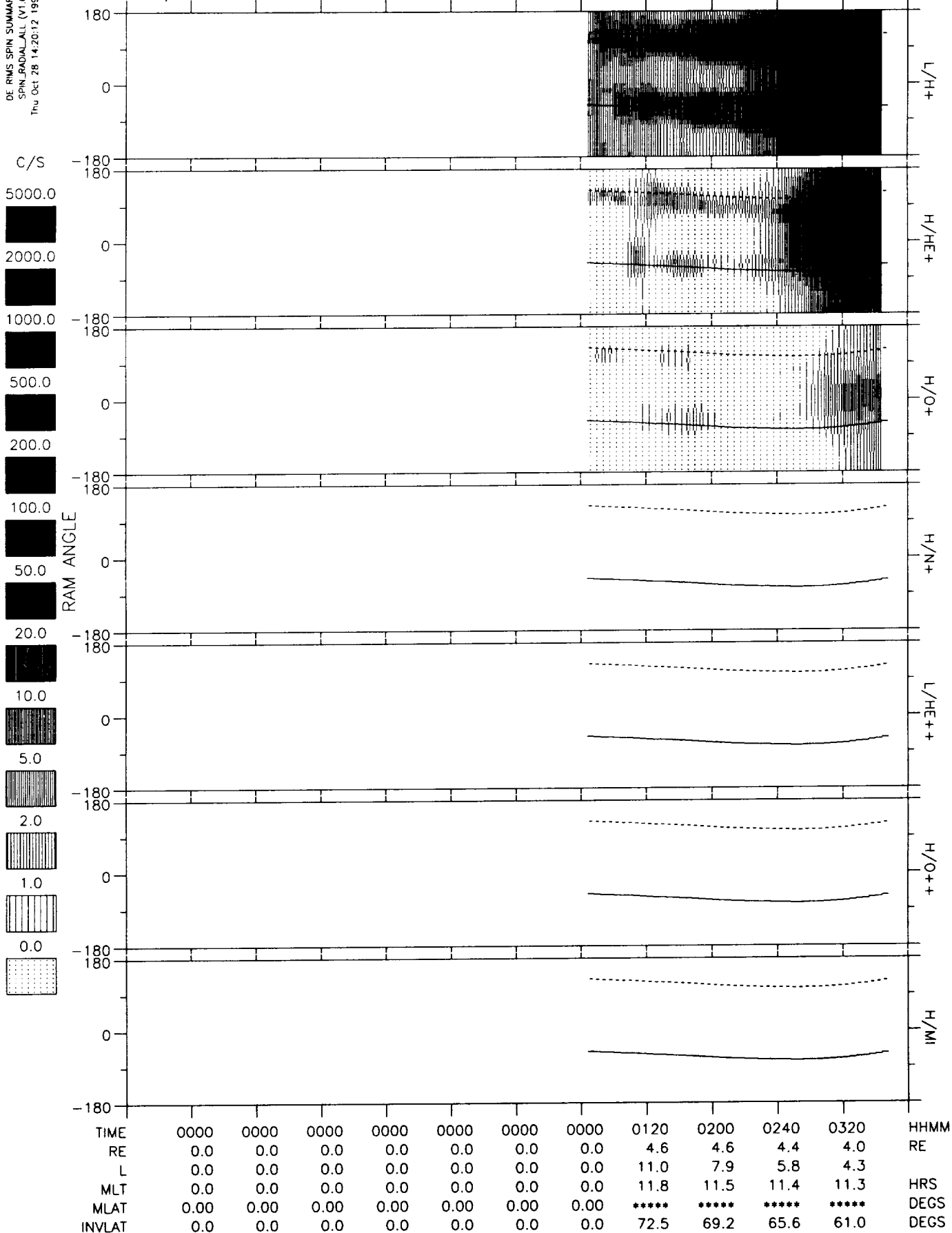
DE RIMS SPIN SUMMARY
SPIN/RADIAL ALL (V1.0)
Thu Oct 28 14:17:50 1993

82/255 12-SEP 0300:00 - 1100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



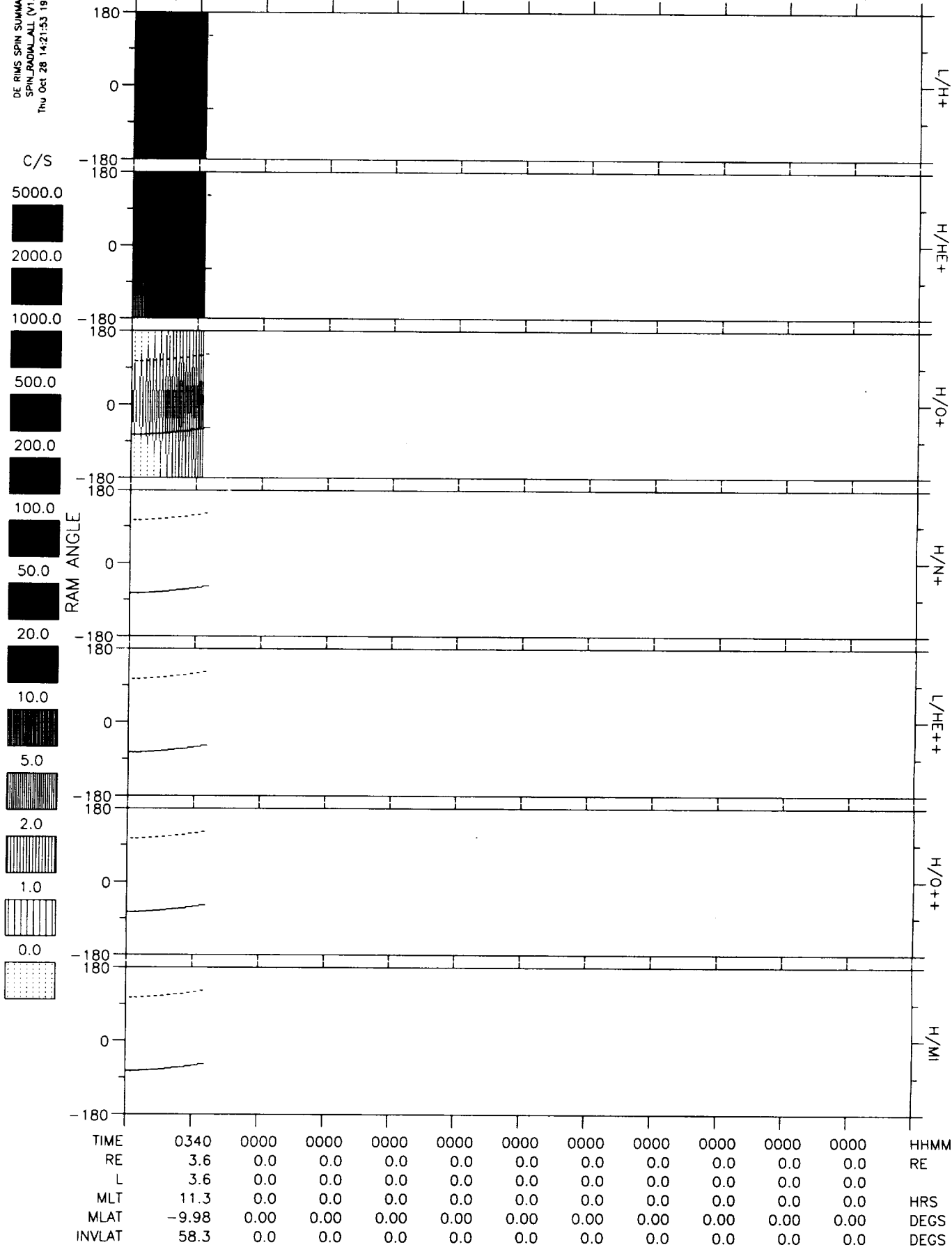
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Thu Oct 28 14:20:12 1993

82/256 13-SEP 2000:00 - 0400:00 HEAD= RL RPA= 0 to 1000 BIAS= A



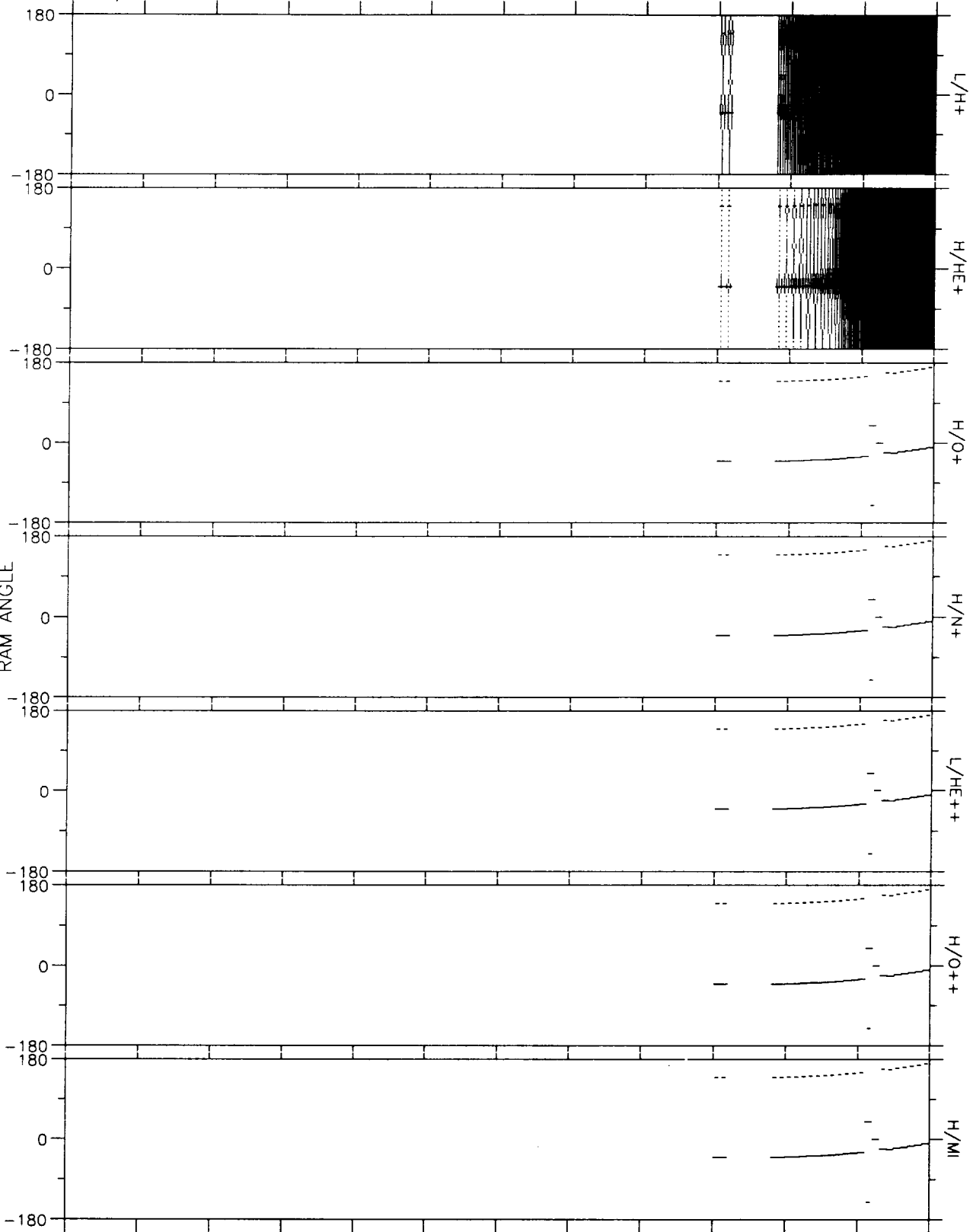
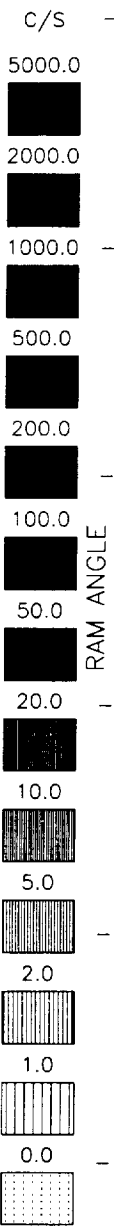
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Thu Oct 28 14:21:53 1993

82/257 14-SEP 0300:00 - 1100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Oct 28 14:23:11 1993

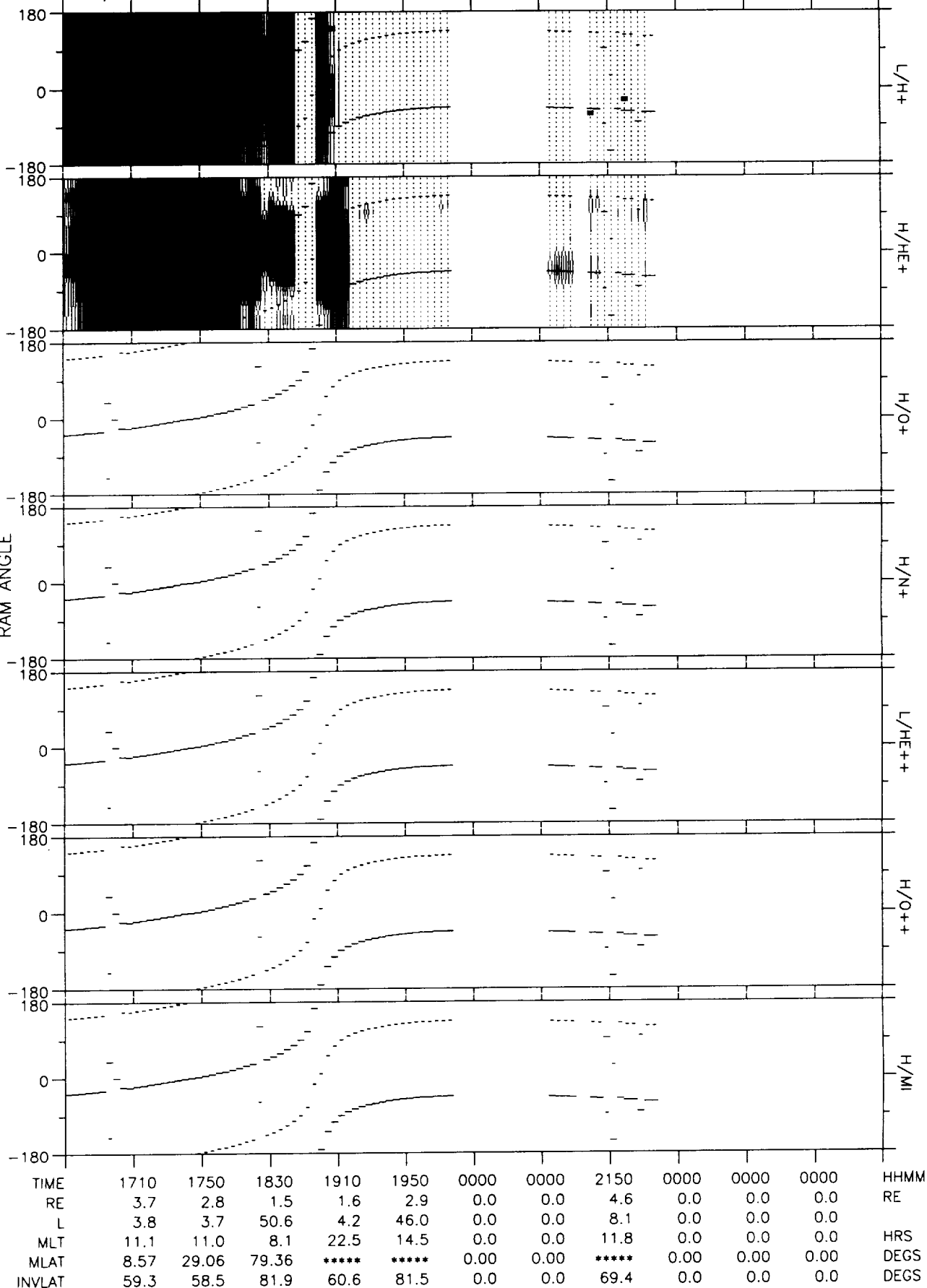
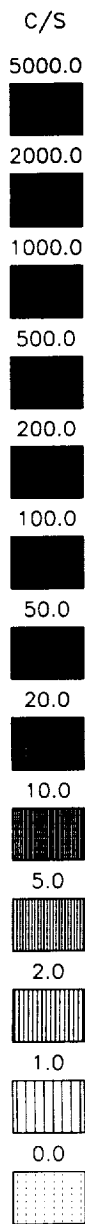
82/259 16-SEP 0930:00 - 1730:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0000	0000	0000	0000	0000	0000	1530	1610	1650	HHMM
RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	4.5	4.1	RE
L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	4.7	4.1	
MLT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	11.2	11.2	HRS
MLAT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****	****	1.23	DEGS
INVLAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.5	62.5	60.4	DEGS

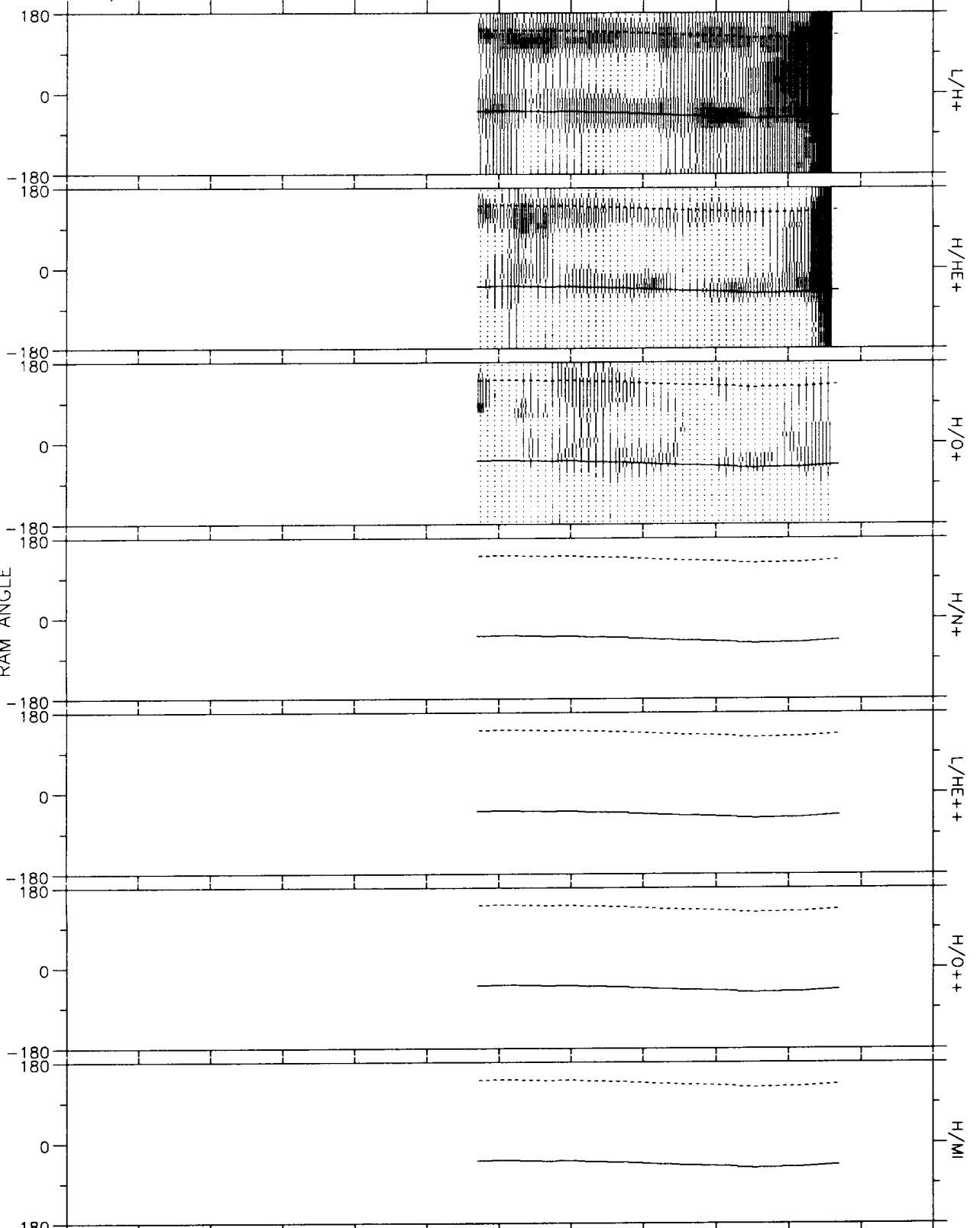
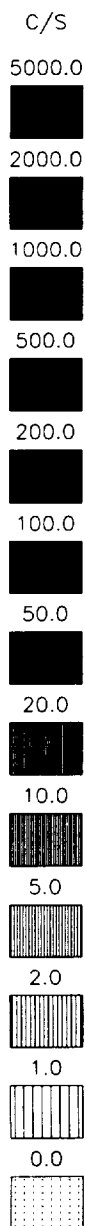
DE RMS SPIN SUMMARY
SPINRADIAL ALL (V1.0)
Thu Oct 28 14:24:34 1993

82/259 16-SEP 1630:00 - 0030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Oct 28 14:26:32 1993

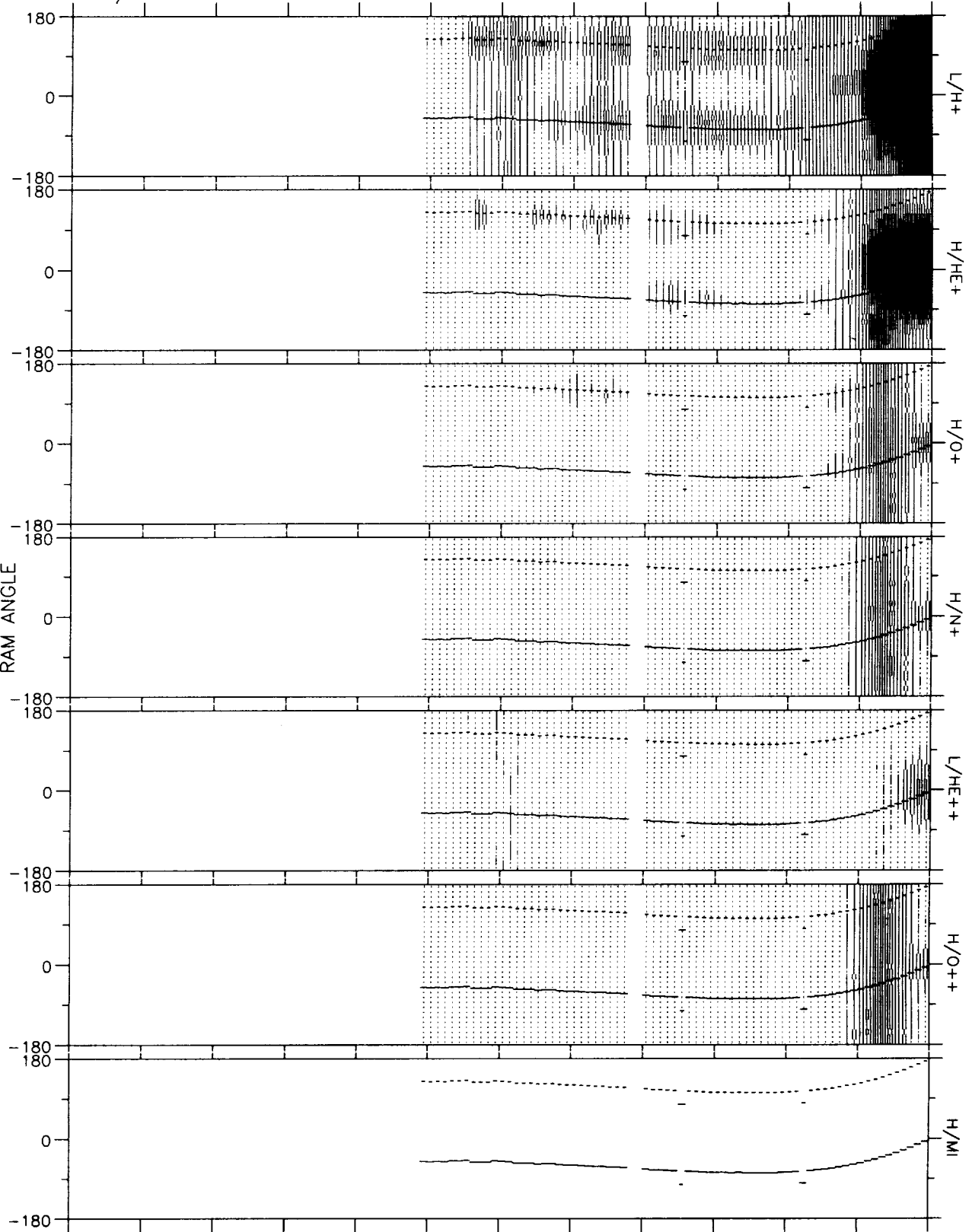
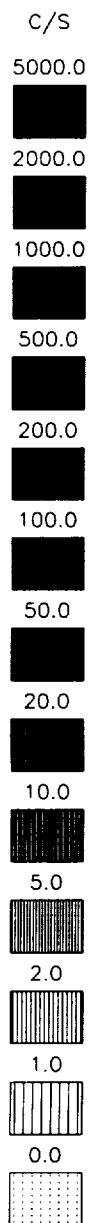
82/262 19-SEP 1300:00 - 2100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0000	0000	1700	1740	1820	1900	1940	0000	HHMM
RE	0.0	0.0	0.0	0.0	0.0	3.8	4.4	4.6	4.6	4.4	0.0	RE
L	0.0	0.0	0.0	0.0	0.0	11.1	7.8	6.4	5.5	4.7	0.0	
MLT	0.0	0.0	0.0	0.0	0.0	11.4	11.4	11.4	11.3	11.2	0.0	HRS
MLAT	0.00	0.00	0.00	0.00	0.00	*****	*****	*****	*****	*****	0.00	DEGS
INVLAT	0.0	0.0	0.0	0.0	0.0	72.5	69.1	66.8	64.7	62.4	0.0	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Oct 28 14:27:54 1993

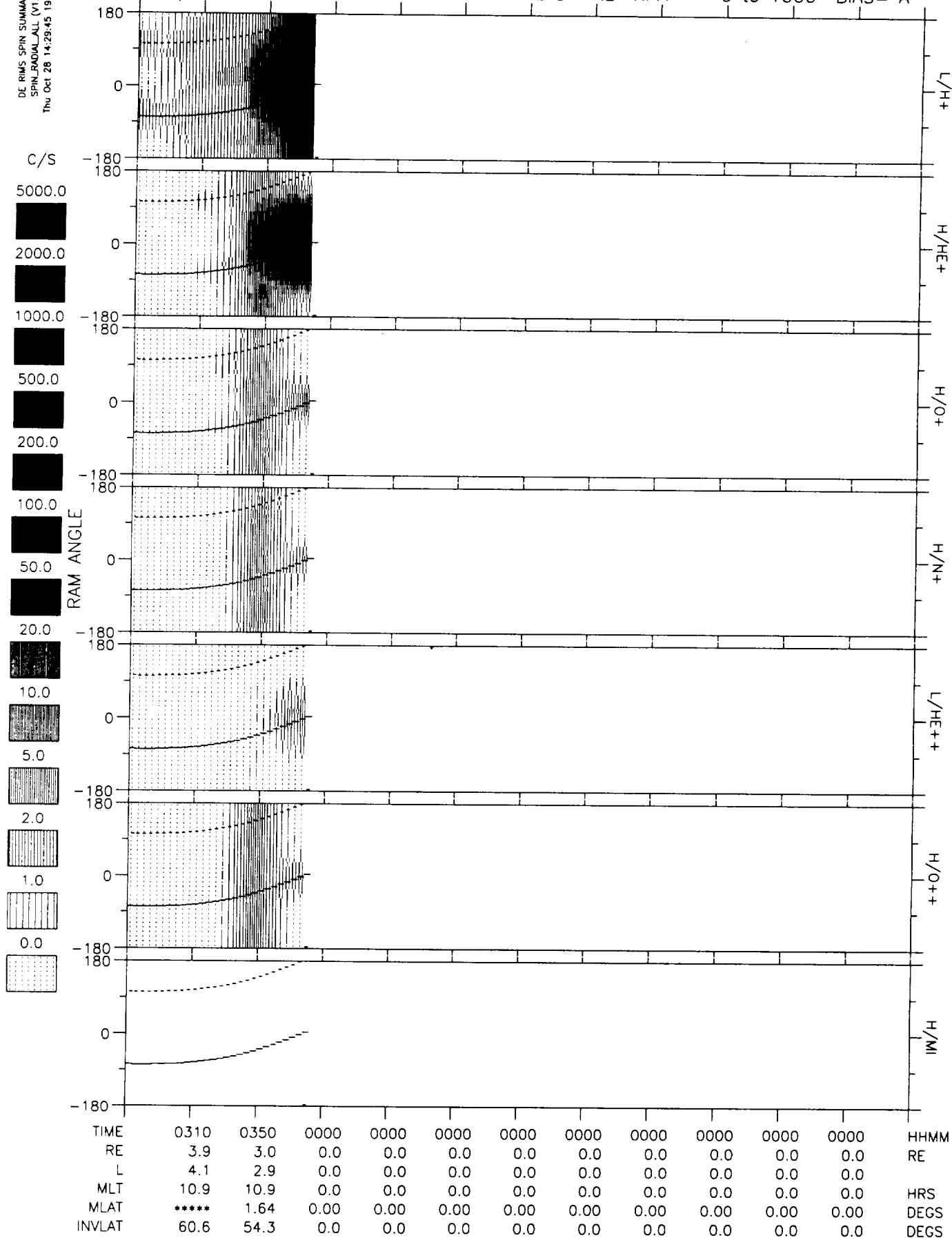
82/262 19-SEP 2015:00 - 0415:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0000	2335	0015	0055	0135	0215	0255	0335	HHMM
RE	0.0	0.0	0.0	0.0	3.5	4.2	4.6	4.7	4.5	4.1	3.4	RE
L	0.0	0.0	0.0	0.0	56.1	22.0	13.3	9.2	6.6	4.7	3.3	
MLT	0.0	0.0	0.0	0.0	13.5	12.0	11.5	11.2	11.0	10.9	10.9	HRS
MLAT	0.00	0.00	0.00	0.00	*****	*****	*****	*****	*****	*****	-6.79	DEGS
INVLAT	0.0	0.0	0.0	0.0	82.3	77.7	74.1	70.7	67.1	62.6	56.7	DEGS

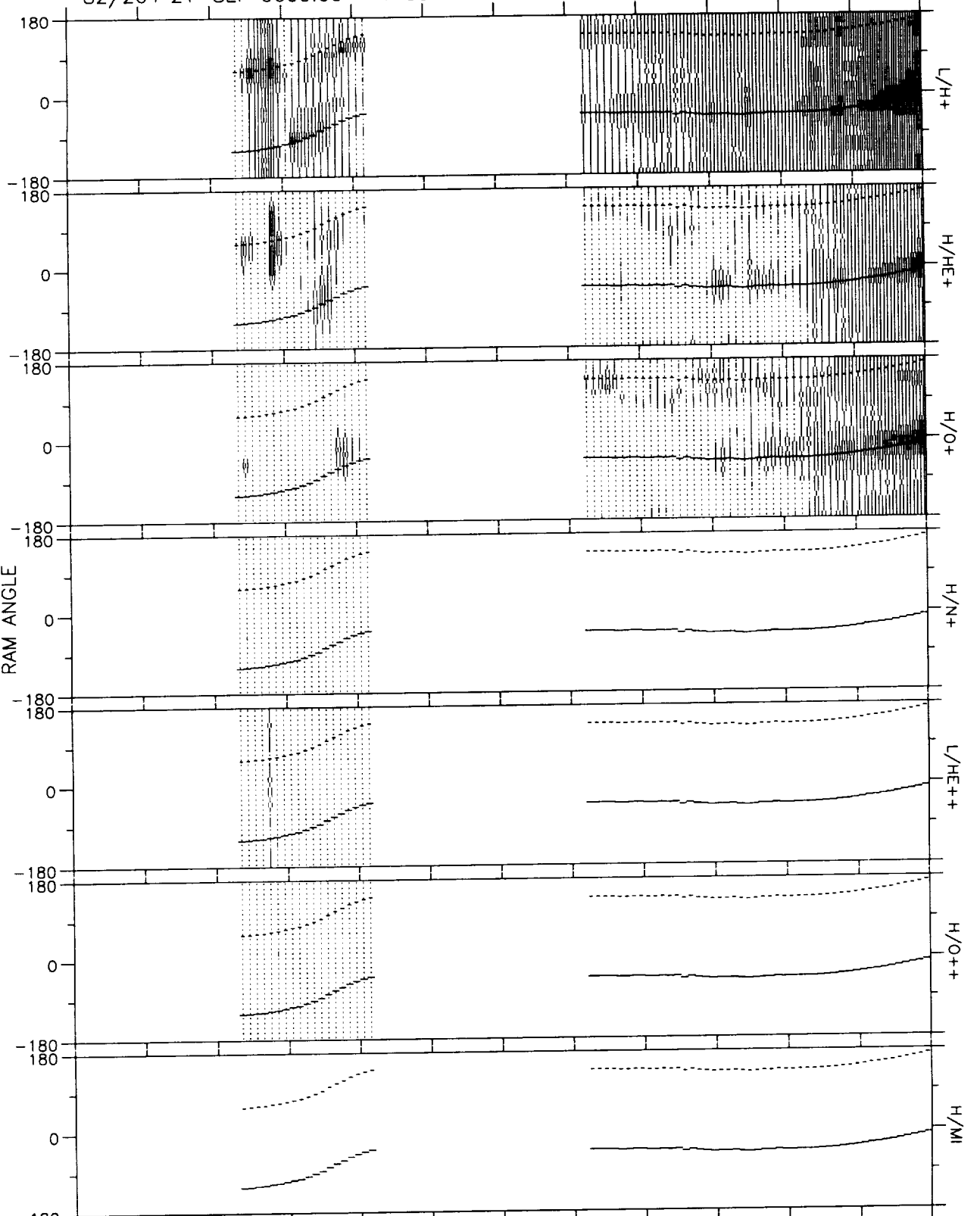
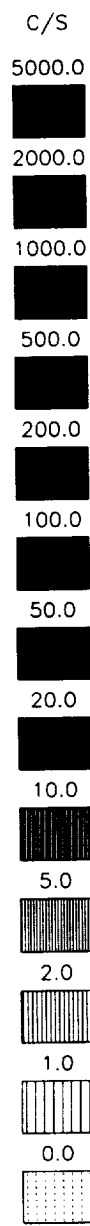
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Thu Oct 28 14:29:45 1993

82/263 20-SEP 0230:00 - 1030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Thu Oct 28 14:31:10 1993

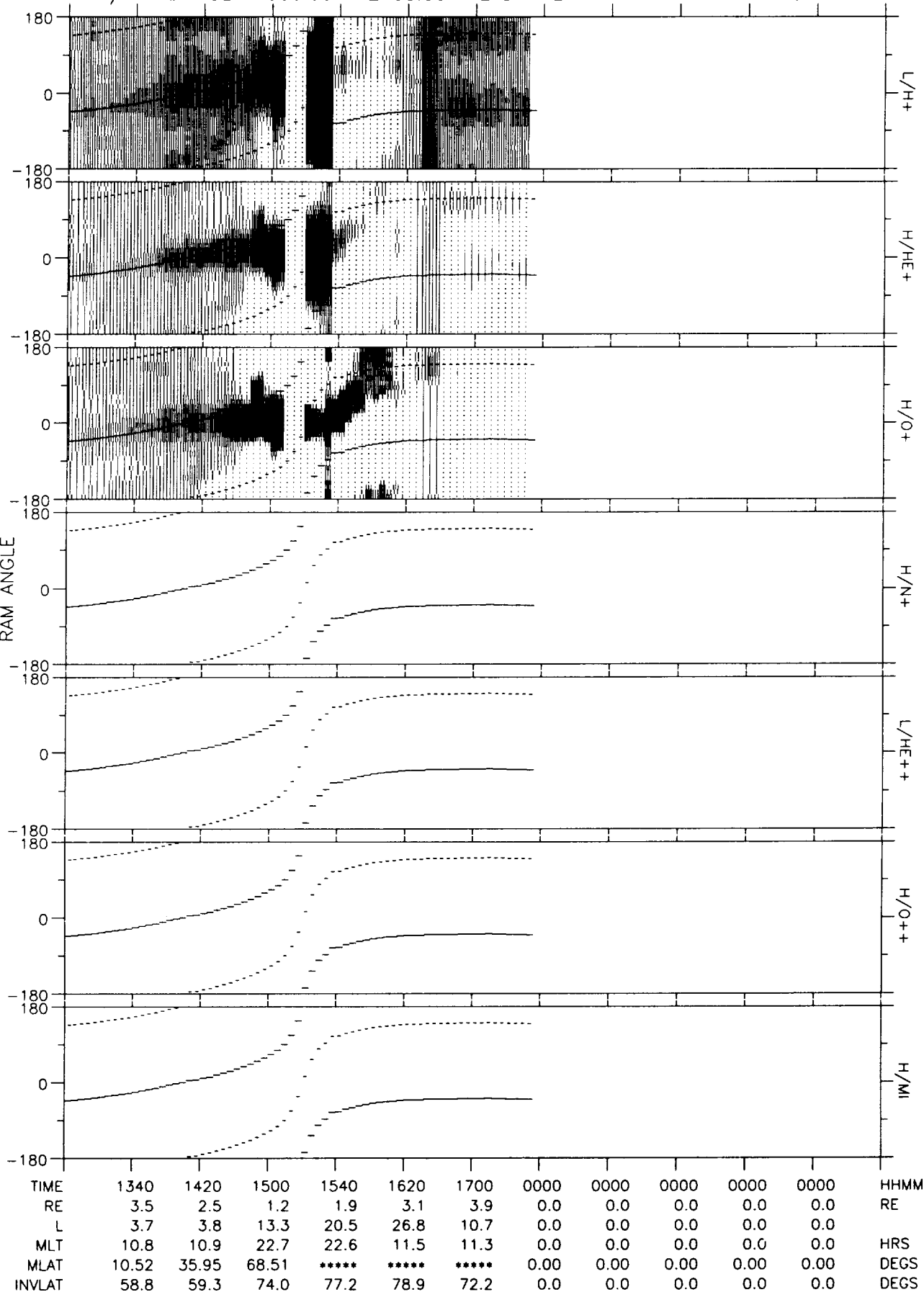
82/264 21-SEP 0600:00 - 1400:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0800	0840	0000	0000	0000	1120	1200	1240	1320	HHMM
RE	0.0	0.0	1.5	1.5	0.0	0.0	0.0	4.6	4.6	4.4	3.9	RE
L	0.0	0.0	8.8	2.6	0.0	0.0	0.0	7.3	5.8	4.7	4.0	
MLT	0.0	0.0	12.5	23.5	0.0	0.0	0.0	10.3	10.5	10.7	10.8	HRS
MLAT	0.00	0.00	64.55	*****	0.00	0.00	0.00	*****	*****	*****	1.95	DEGS
INVLAT	0.0	0.0	70.2	52.0	0.0	0.0	0.0	68.2	65.3	62.6	60.0	DEGS

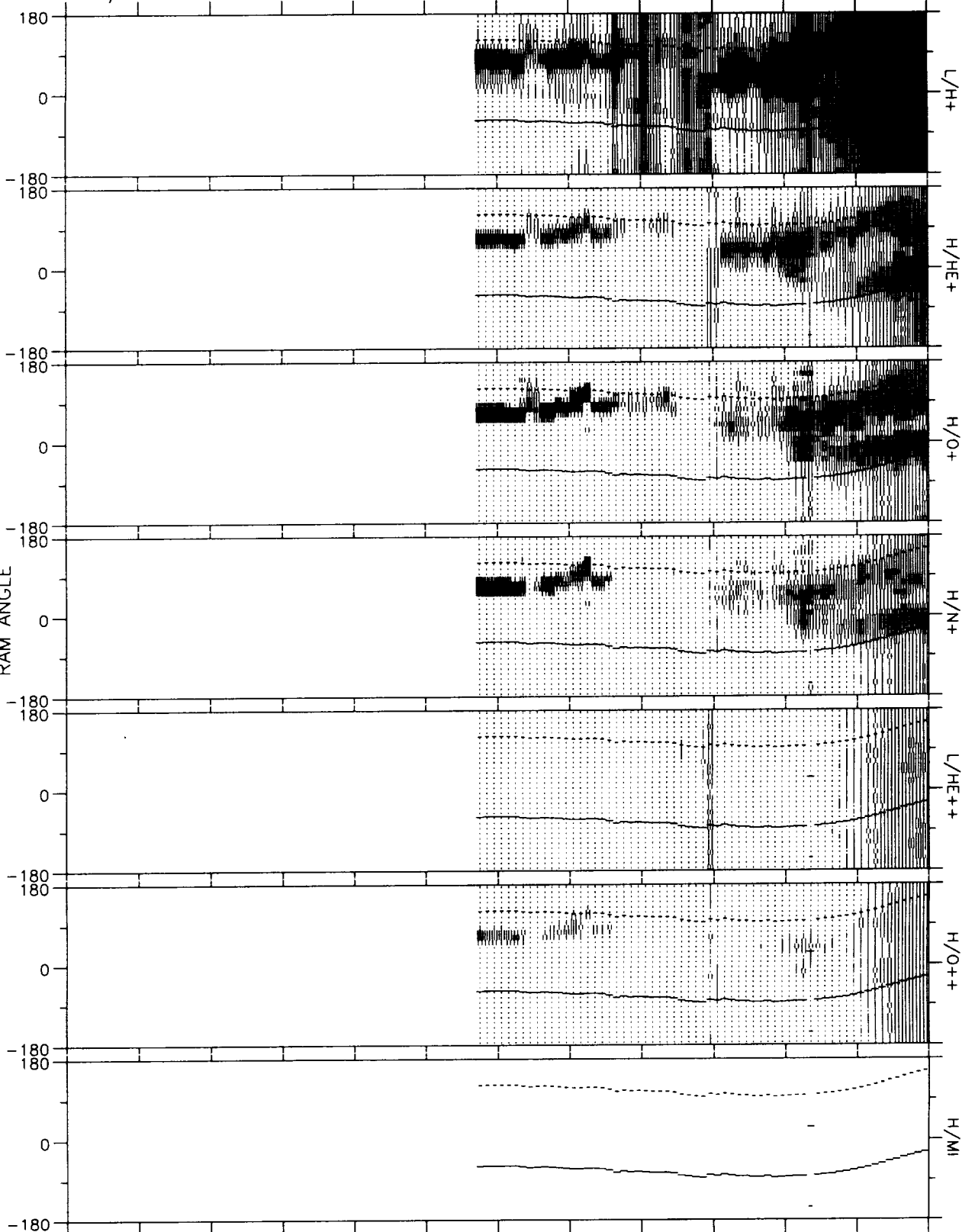
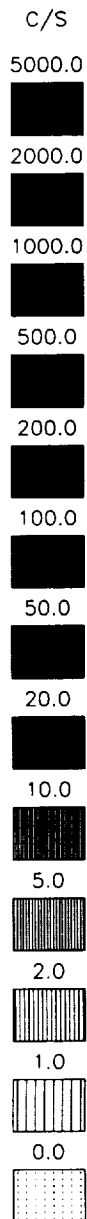
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Thu Oct 28 14:32:44 1993

82/264 21-SEP 1300:00 - 2100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Thu Oct 28 14:34:29 1993

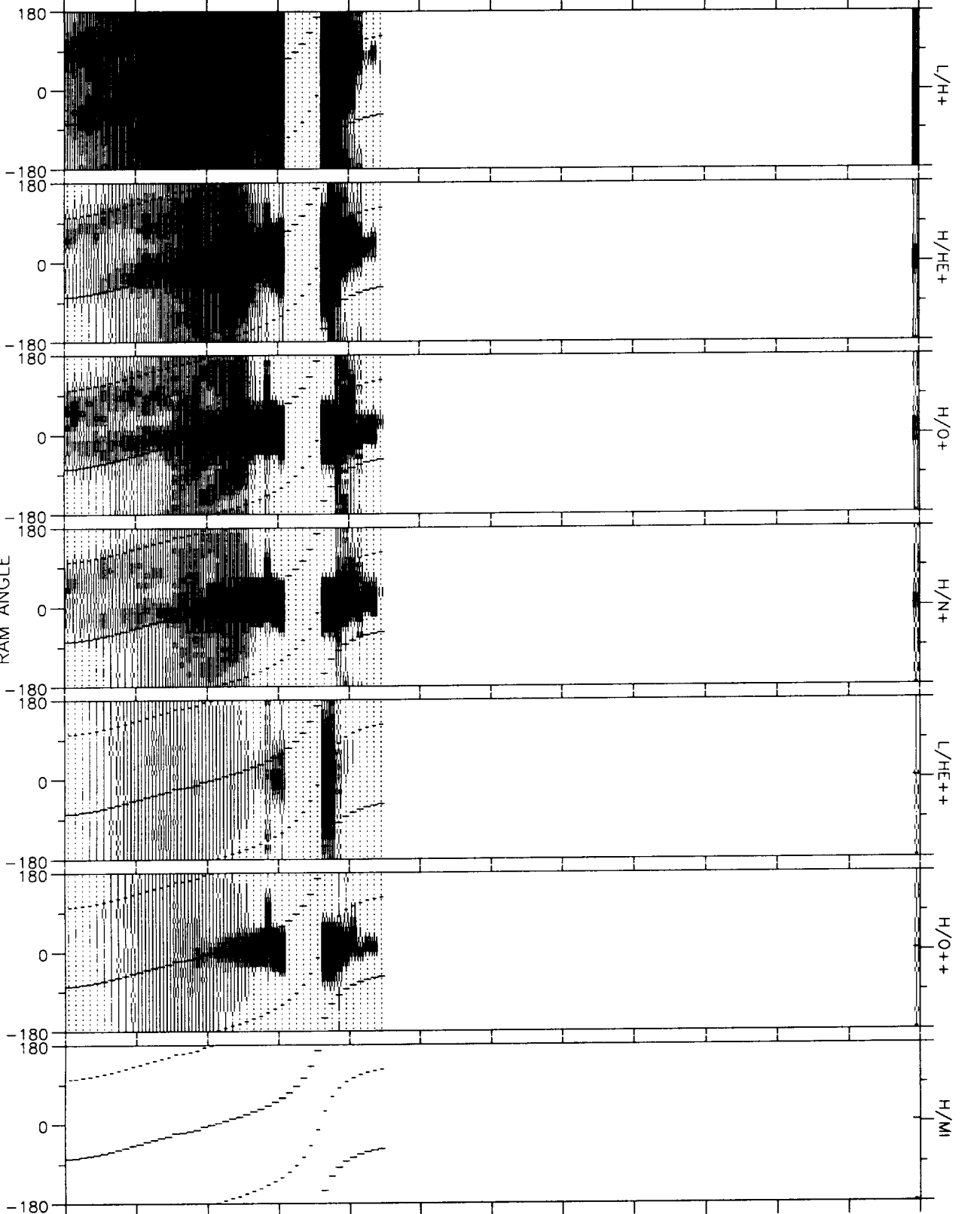
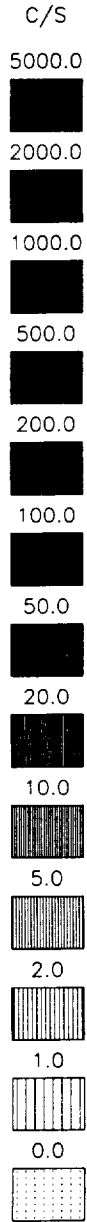
82/265 22-SEP 0230:00 - 1030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0000	0000	0630	0710	0750	0830	0910	0950	HHMM
RE	0.0	0.0	0.0	0.0	0.0	3.7	4.3	4.6	4.6	4.4	3.9	RE
L	0.0	0.0	0.0	0.0	0.0	46.4	16.6	9.9	7.0	5.3	4.1	
MLT	0.0	0.0	0.0	0.0	0.0	8.8	9.7	10.1	10.3	10.5	10.7	HRS
MLAT	0.00	0.00	0.00	0.00	0.00	*****	*****	*****	*****	*****	-7.11	DEGS
INVLAT	0.0	0.0	0.0	0.0	0.0	81.6	75.8	71.5	67.8	64.2	60.4	DEGS

DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Thu Oct 28 14:36:30 1993

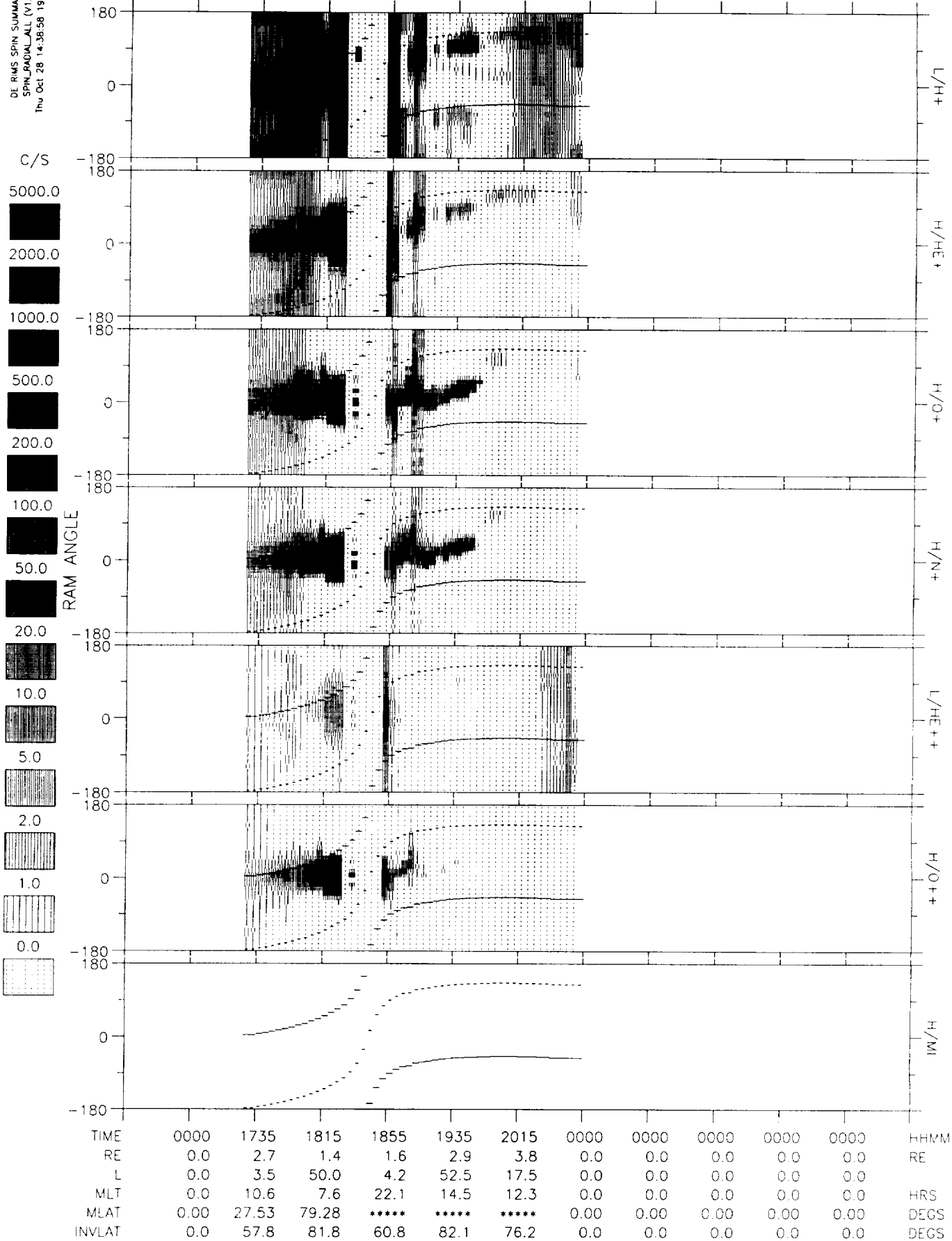
82/265 22-SEP 0930:00 - 1730:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1010	1050	1130	1210	0000	0000	0000	0000	0000	0000	0000	HHMM
RE	3.6	2.6	1.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	RE
L	3.6	3.1	43.4	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MLT	10.8	11.1	19.6	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	HRS
MLAT	1.68	27.08	76.94	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	DEGS
INVLAT	58.4	55.5	81.2	71.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DEGS

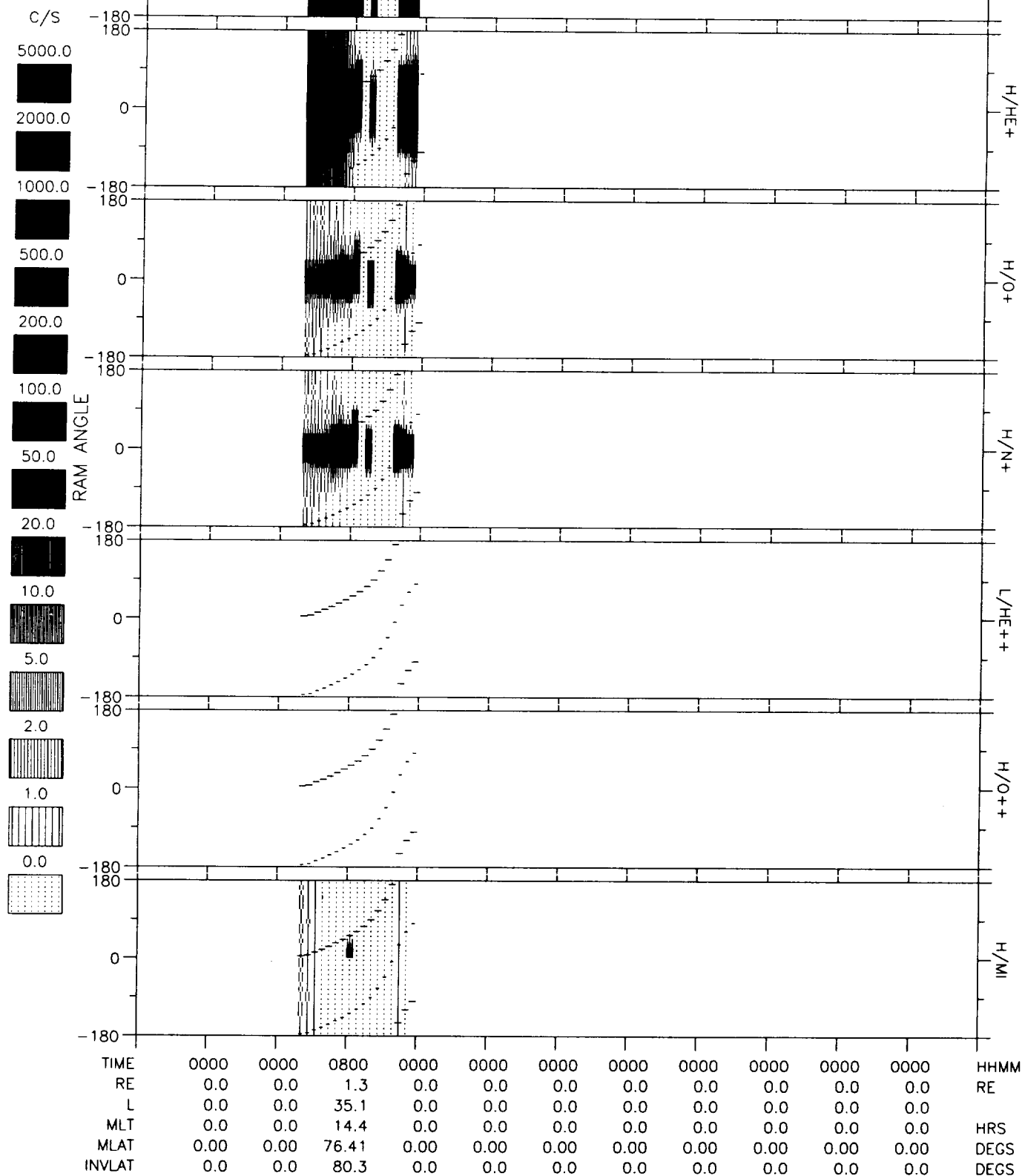
DE RMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Thu Oct 28 14:38:58 1993

82/265 22-SEP 1615:00 - 0015:00 HEAD= RL RPA= 0 to 1000 BIAS= A



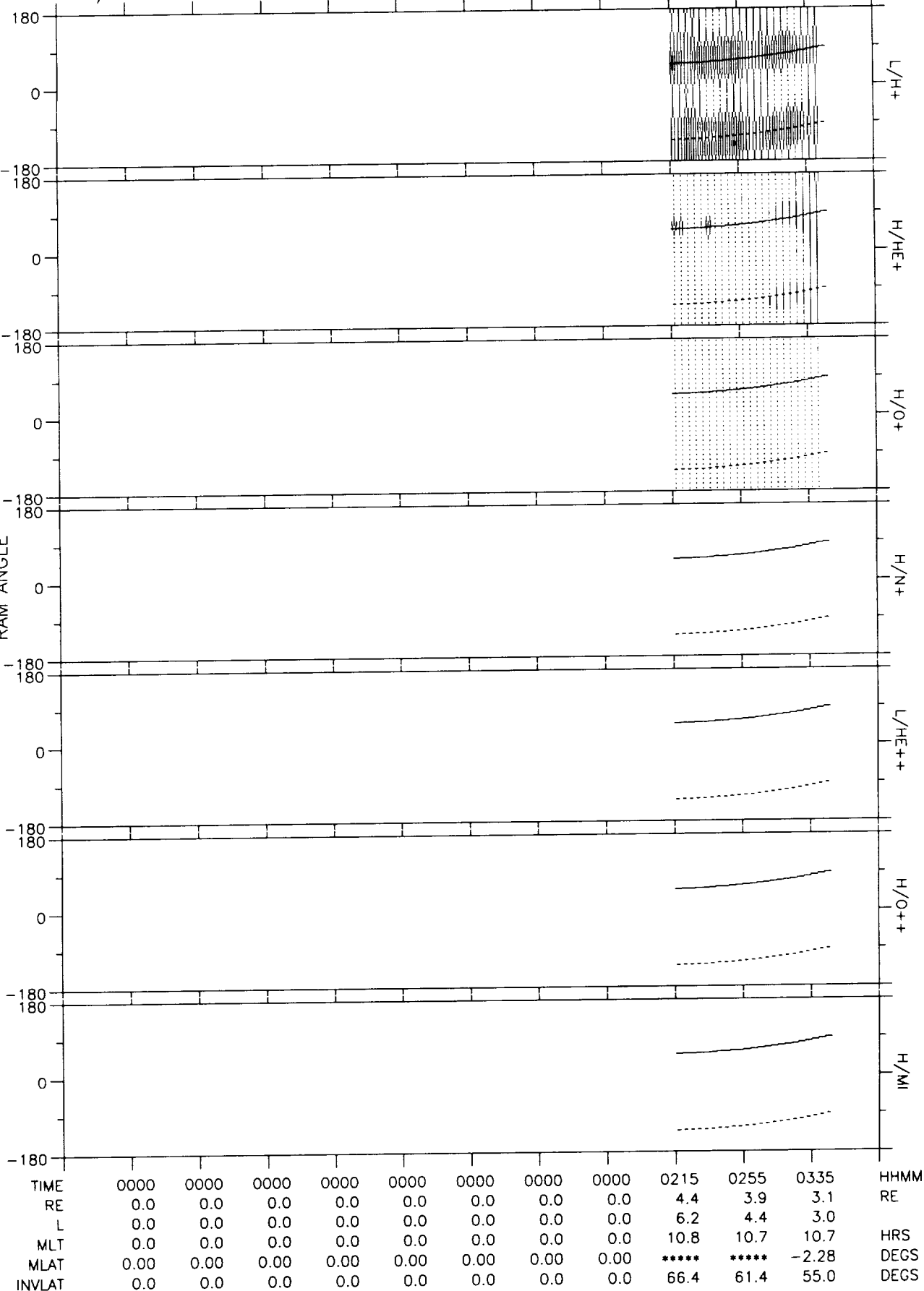
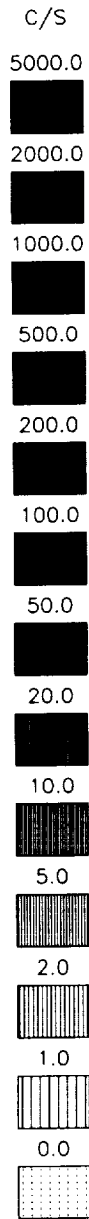
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Oct 28 14:41:05 1993

82/266 23-SEP 0600:00 - 1400:00 HEAD= RL RPA= 0 to 1000 BIAS= A



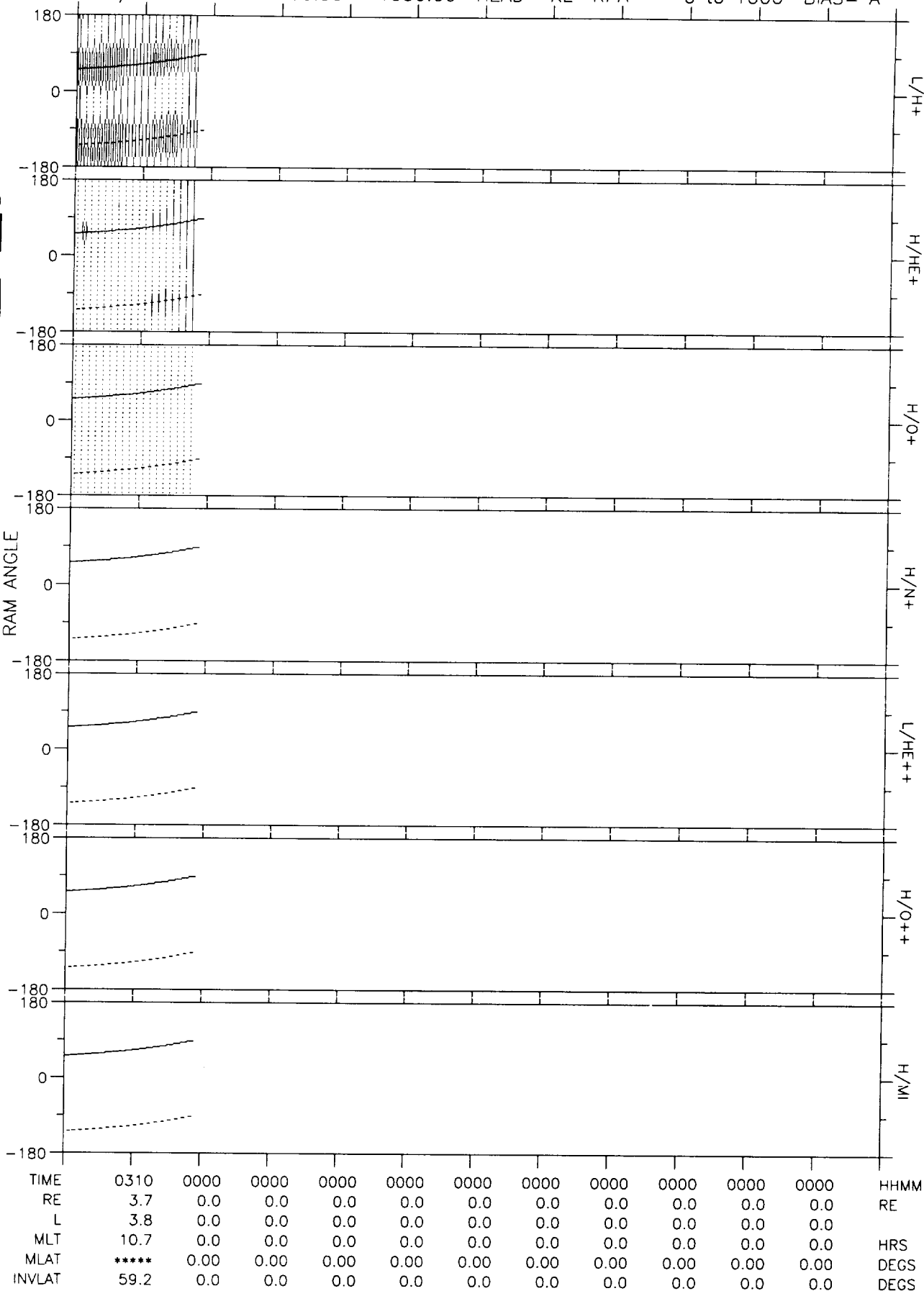
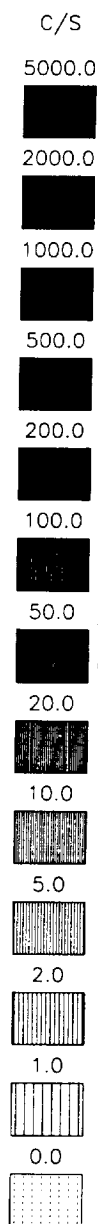
DE RIMS SPIN SUMMARY
SPIN_RADIAL.JLL (V1.0)
Thu Oct 28 14:42:36 1993

82/266 23-SEP 2015:00 - 0415:00 HEAD= RL RPA= 0 to 1000 BIAS= A



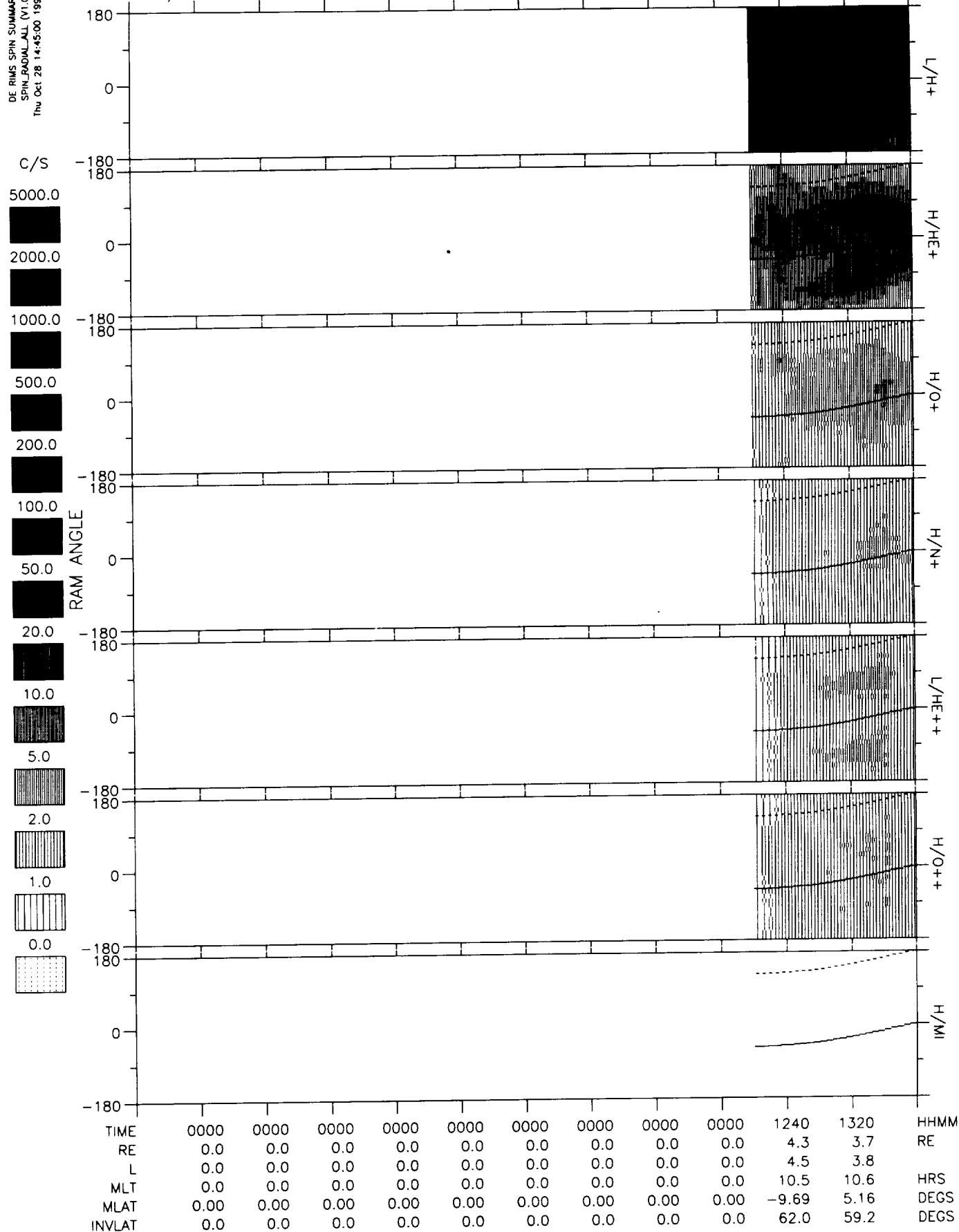
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Oct 28 14:43:47 1993

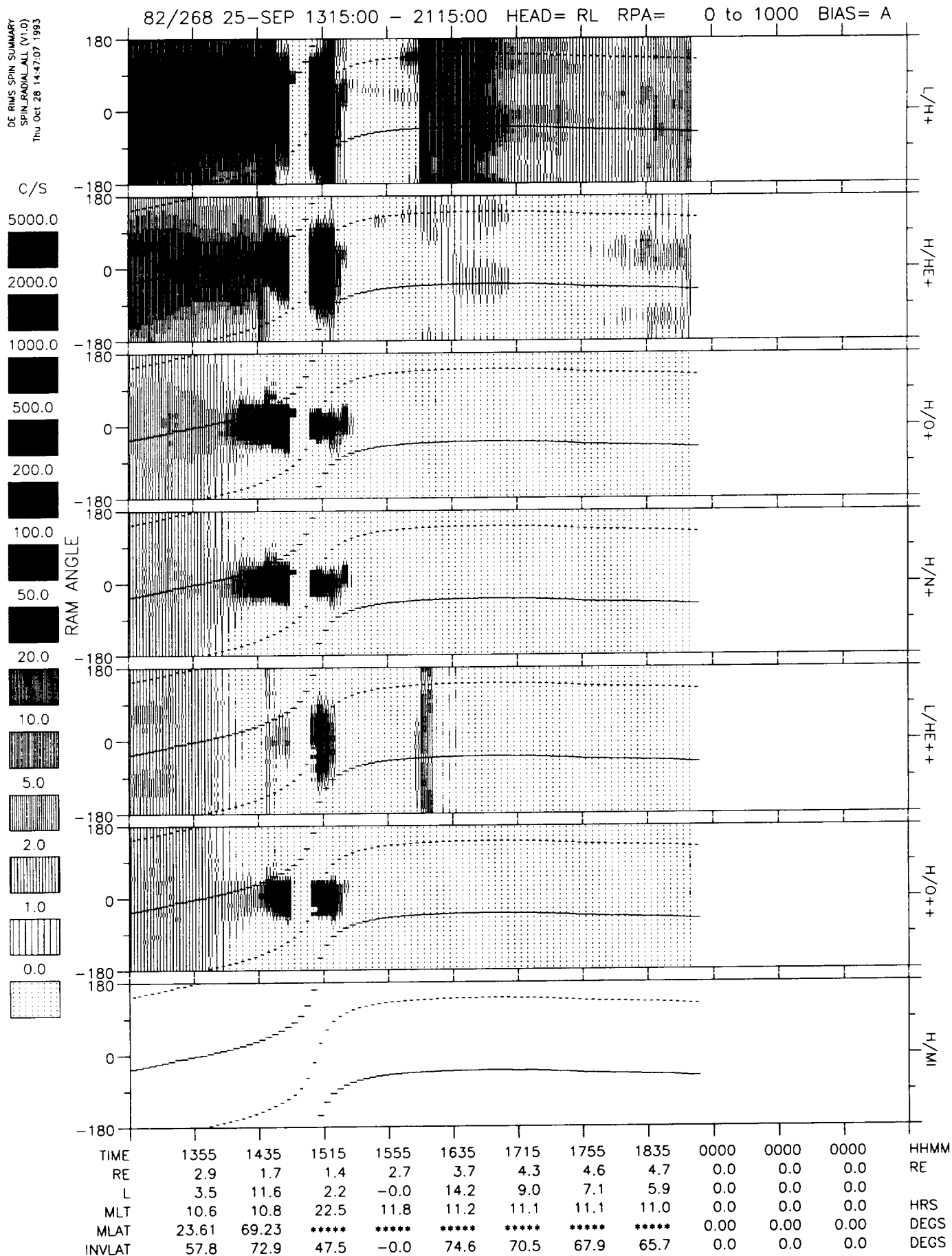
82/267 24-SEP 0230:00 - 1030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_BAQUALL (V1.0)
Thu Oct 28 14:45:00 1993

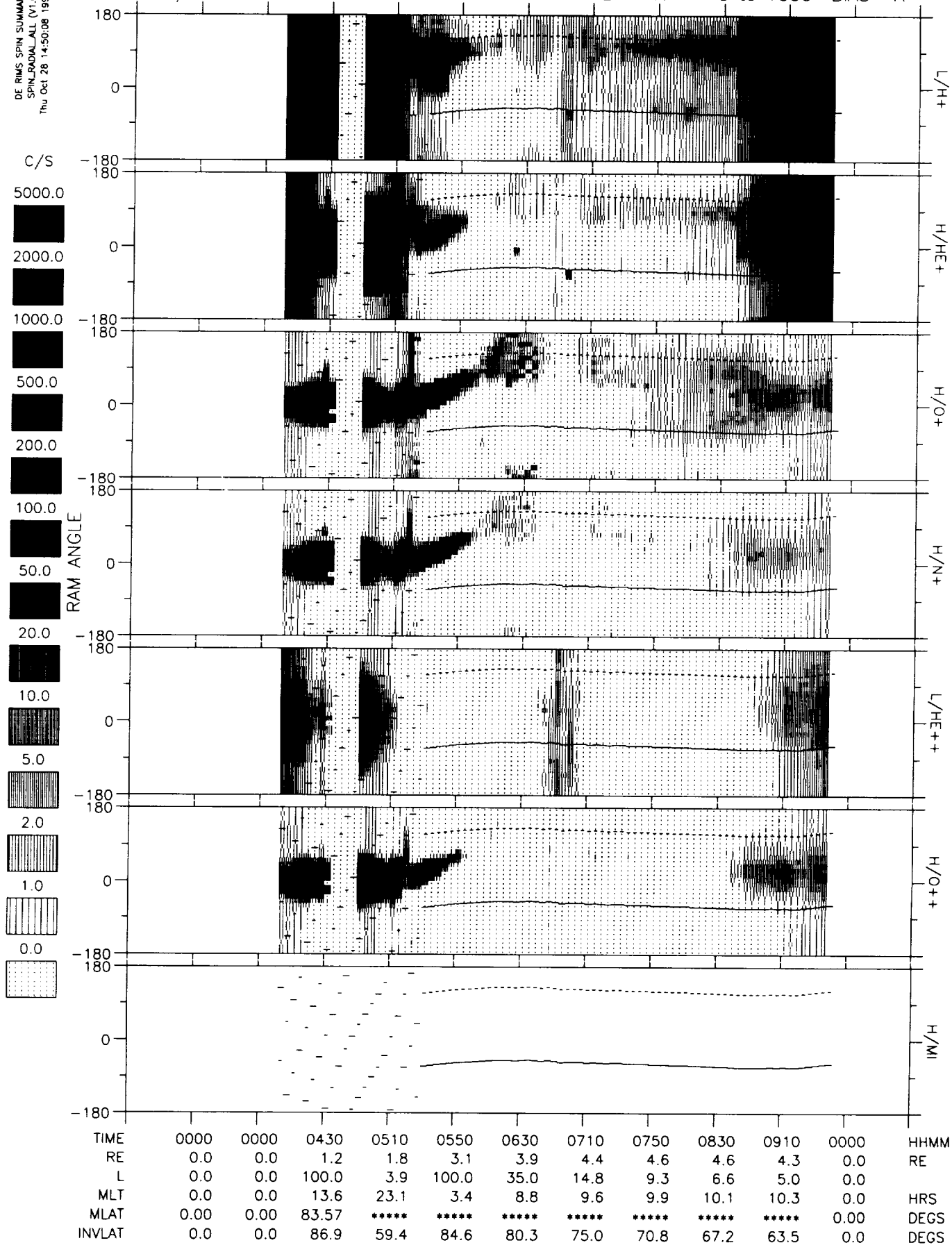
82/268 25-SEP 0600:00 - 1400:00 HEAD= RL RPA= 0 to 1000 BIAS= A





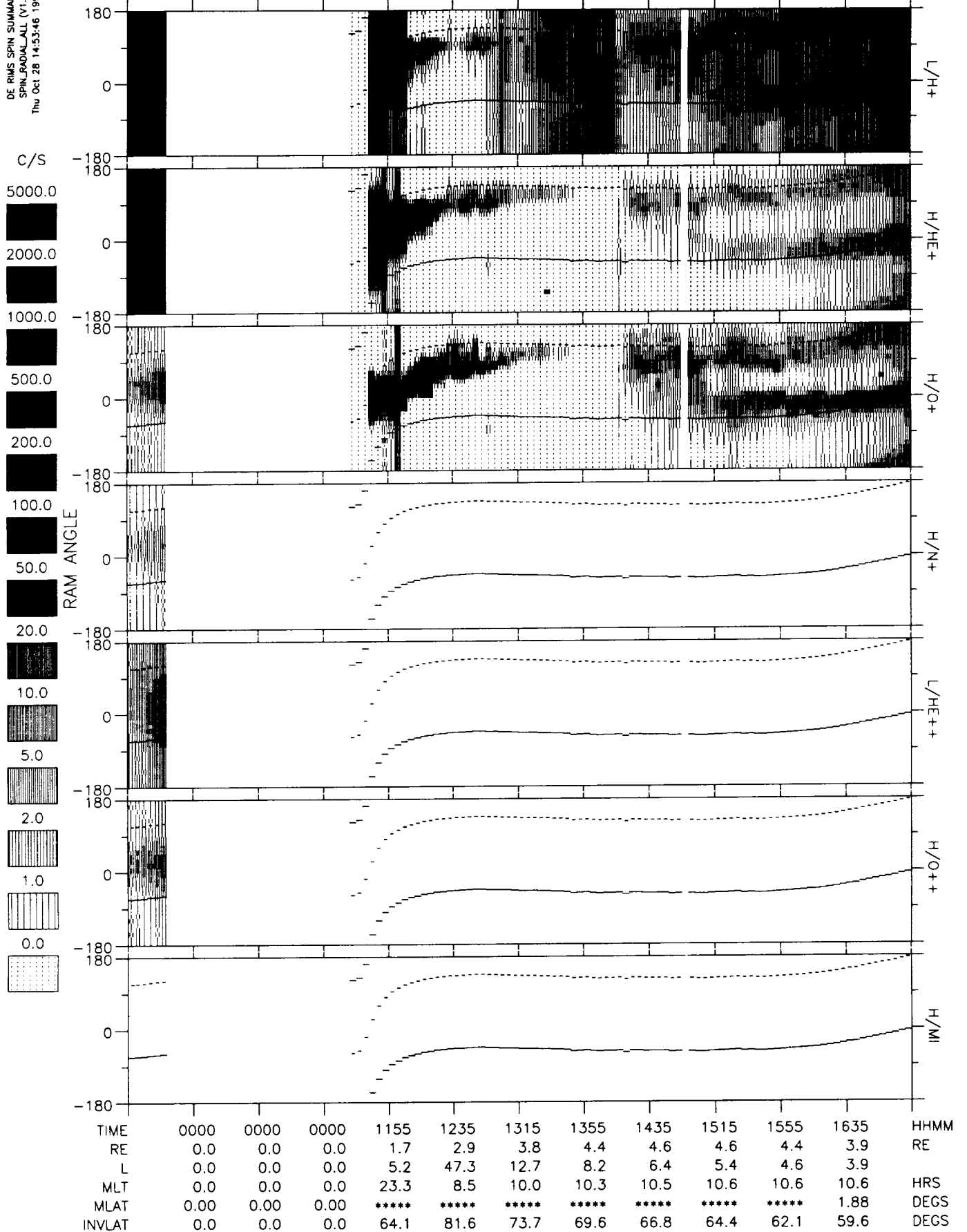
DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Thu Oct 28 14:50:08 1993

82/269 26-SEP 0230:00 - 1030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN/PAD/ALL (V1.0)
Thu Oct 28 14:53:46 1993

82/269 26-SEP 0915:00 - 1715:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Thu Oct 28 15:08:22 1993

82/269 26-SEP 1600:00 - 0000:00 HEAD= RL RPA= 0 to 1000 BIAS= A

C/S

5000.0

2000.0

1000.0

500.0

200.0

100.0

50.0

20.0

10.0

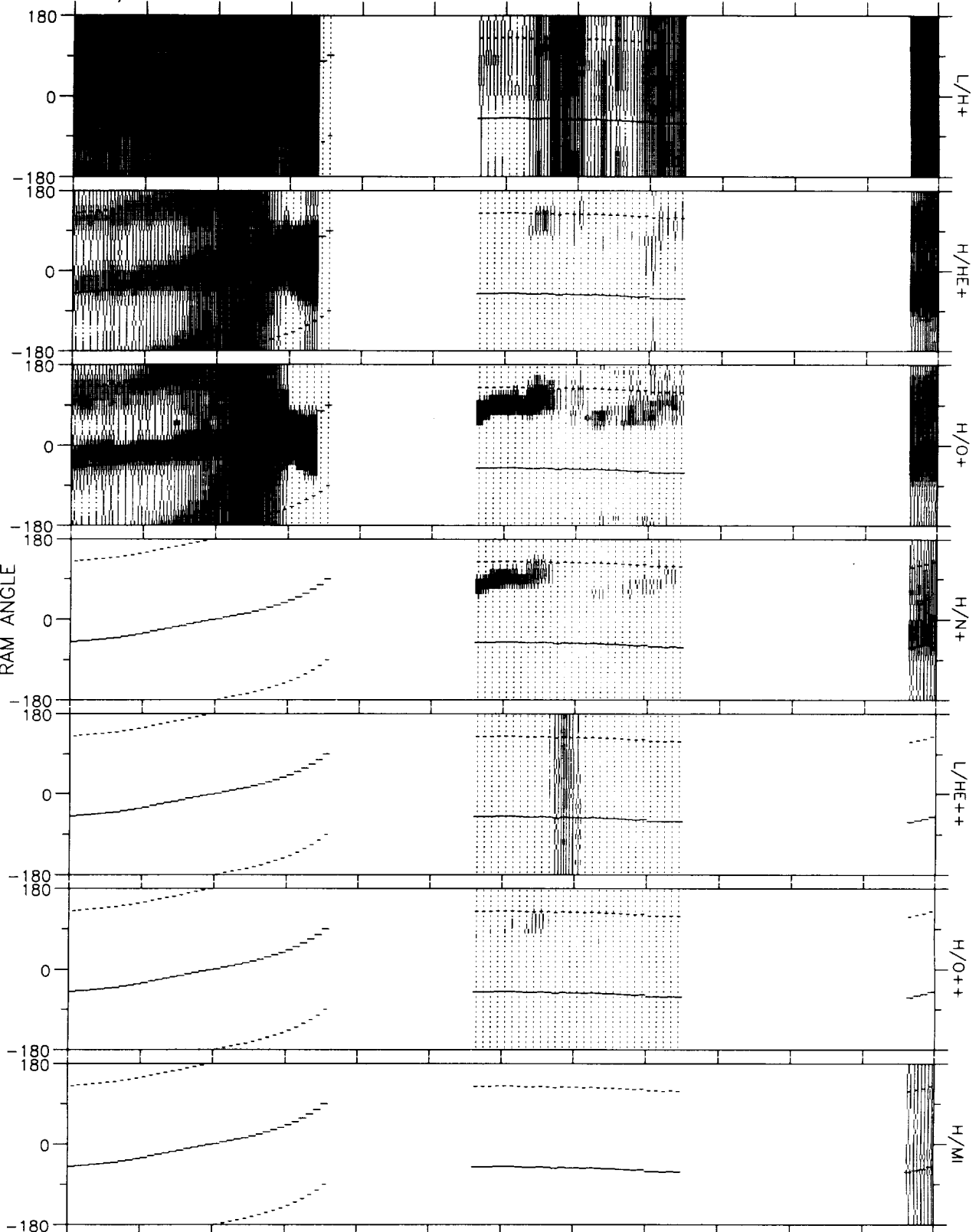
5.0

2.0

1.0

0.0

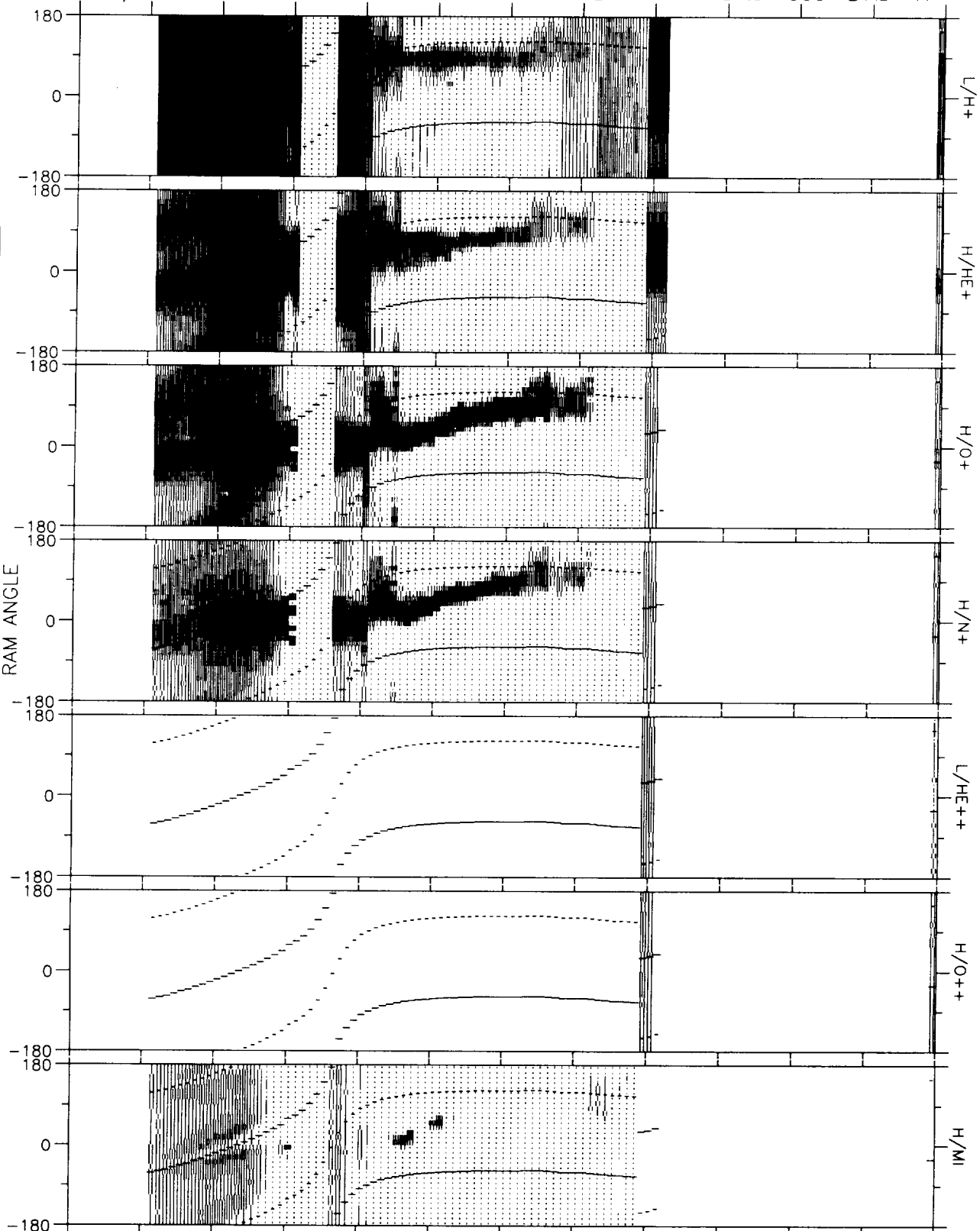
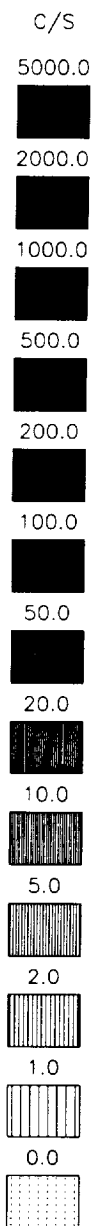
RAM ANGLE



TIME	1640	1720	1800	0000	0000	2000	2040	2120	0000	0000	0000	HHMM
RE	3.8	2.9	1.6	0.0	0.0	3.7	4.3	4.6	0.0	0.0	0.0	RE
L	3.8	3.4	12.9	0.0	0.0	20.8	12.8	9.4	0.0	0.0	0.0	
MLT	10.6	10.4	9.1	0.0	0.0	12.2	11.6	11.3	0.0	0.0	0.0	HRS
MLAT	3.74	23.13	69.20	0.00	0.00	*****	*****	*****	0.00	0.00	0.00	DEGS
INVLAT	59.2	57.2	73.8	0.0	0.0	77.3	73.7	70.9	0.0	0.0	0.0	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Oct 28 15:10:52 1993

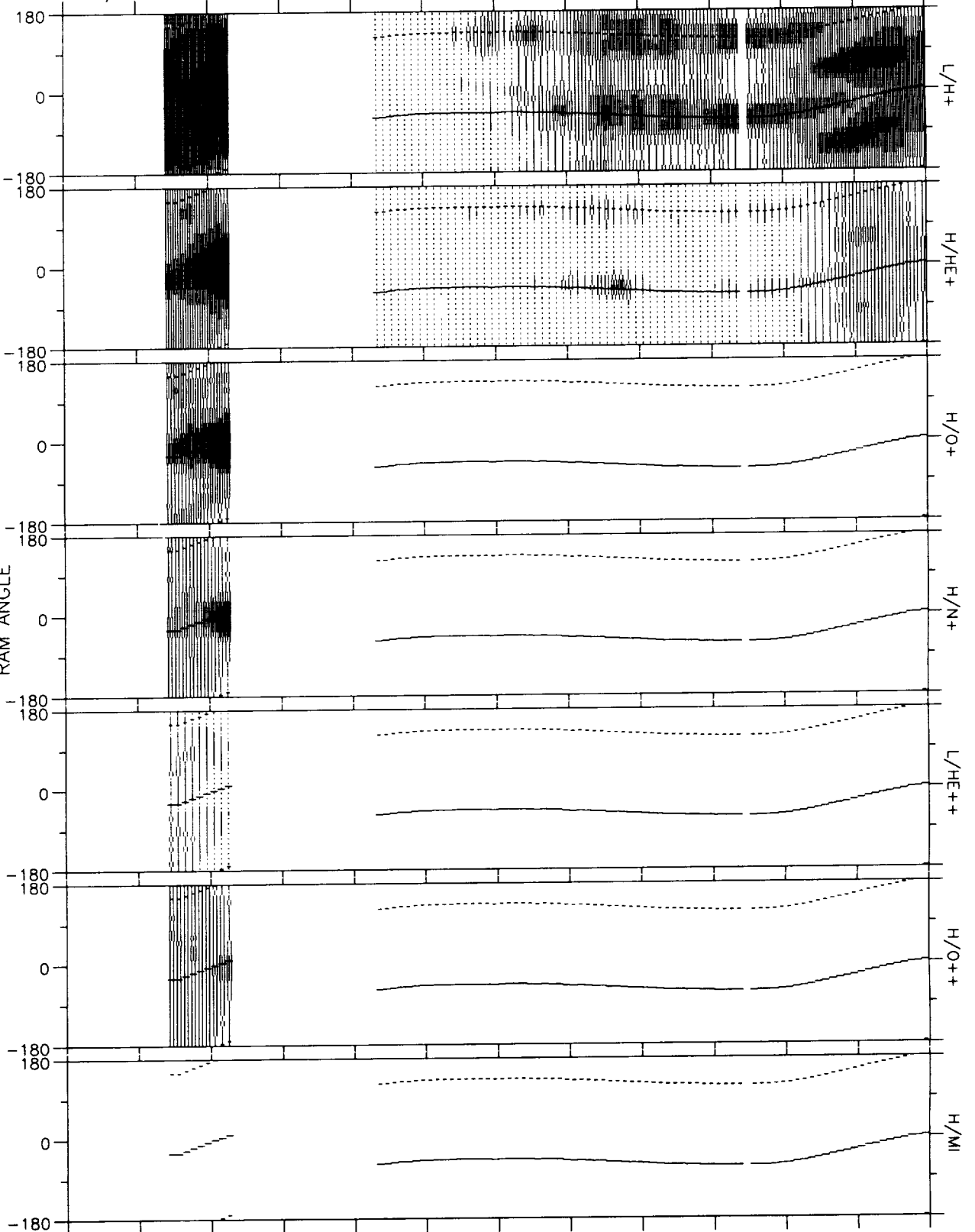
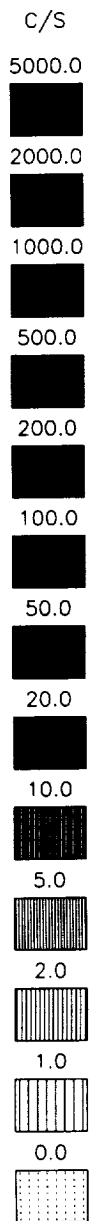
82/269 26-SEP 2300:00 - 0700:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0020	0100	0140	0220	0300	0340	0420	0000	0000	0000	HHMM
RE	0.0	2.6	1.3	1.8	3.0	3.9	4.4	4.6	0.0	0.0	0.0	RE
L	0.0	2.7	47.2	3.2	100.0	99.4	24.2	12.7	0.0	0.0	0.0	
MLT	0.0	10.3	8.8	22.2	21.6	10.3	10.2	10.1	0.0	0.0	0.0	HRS
MLAT	0.00	11.89	77.47	*****	*****	*****	*****	*****	0.00	0.00	0.00	DEGS
INVLAT	0.0	52.2	81.6	56.2	85.7	84.2	78.3	73.7	0.0	0.0	0.0	DEGS

DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Fri Oct 29 18:34:57 1993

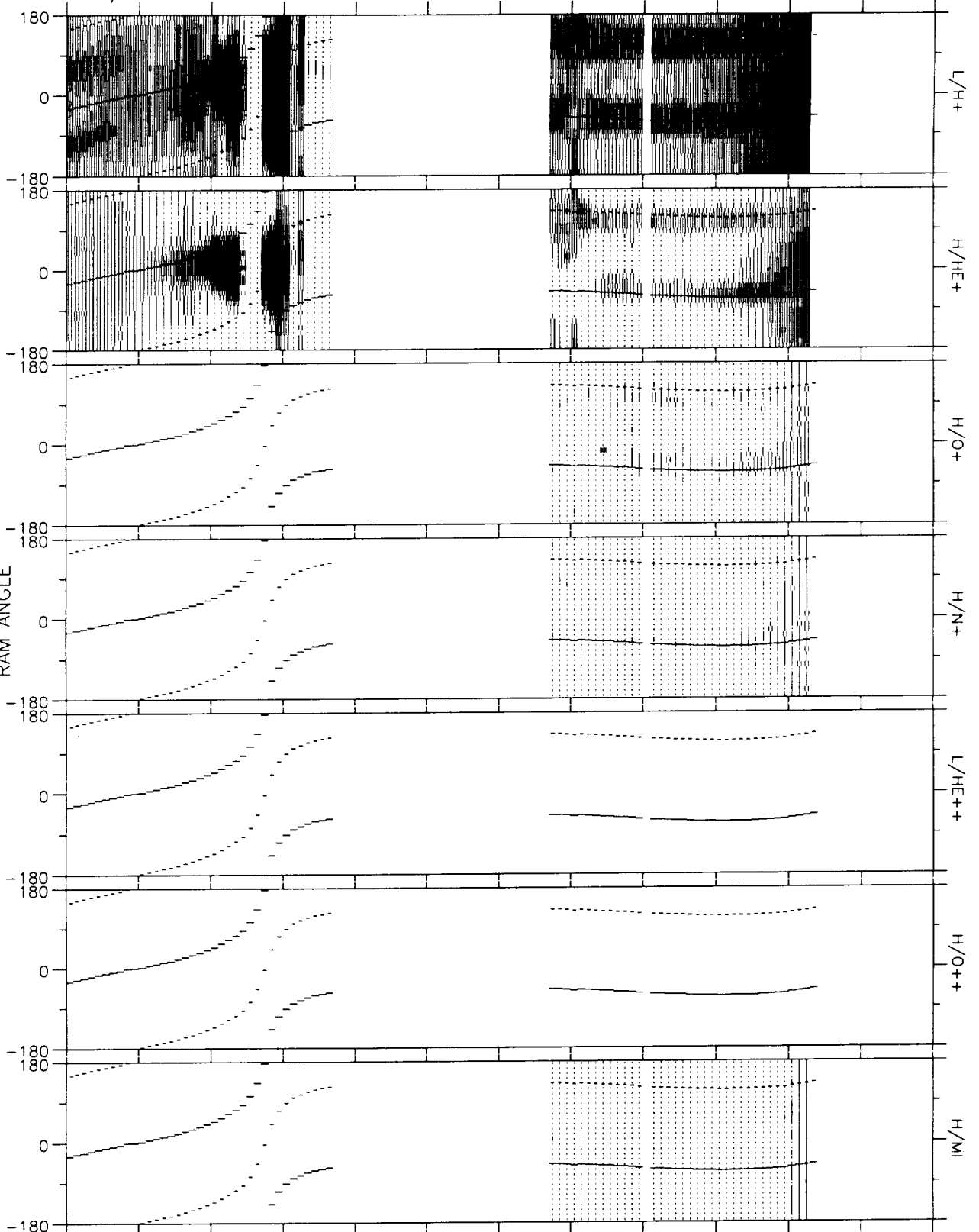
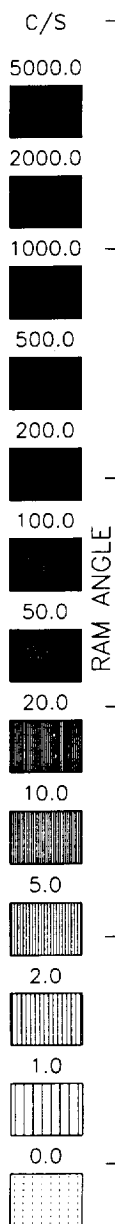
82/270 27-SEP 0600:00 - 1400:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0720	0000	0000	0920	1000	1040	1120	1200	1240	1320	HHMM
RE	0.0	2.3	0.0	0.0	3.3	4.0	4.5	4.7	4.6	4.2	3.6	RE
L	0.0	2.8	0.0	0.0	39.9	14.7	9.2	6.8	5.4	4.4	3.7	
MLT	0.0	10.9	0.0	0.0	7.5	9.3	9.8	10.1	10.2	10.4	10.5	HRS
MLAT	0.00	24.46	0.00	0.00	*****	*****	*****	*****	*****	-8.50	6.88	DEGS
INVLAT	0.0	52.9	0.0	0.0	80.9	74.9	70.7	67.5	64.5	61.7	58.9	DEGS

DE RMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Fri Oct 29 18:36:47 1993

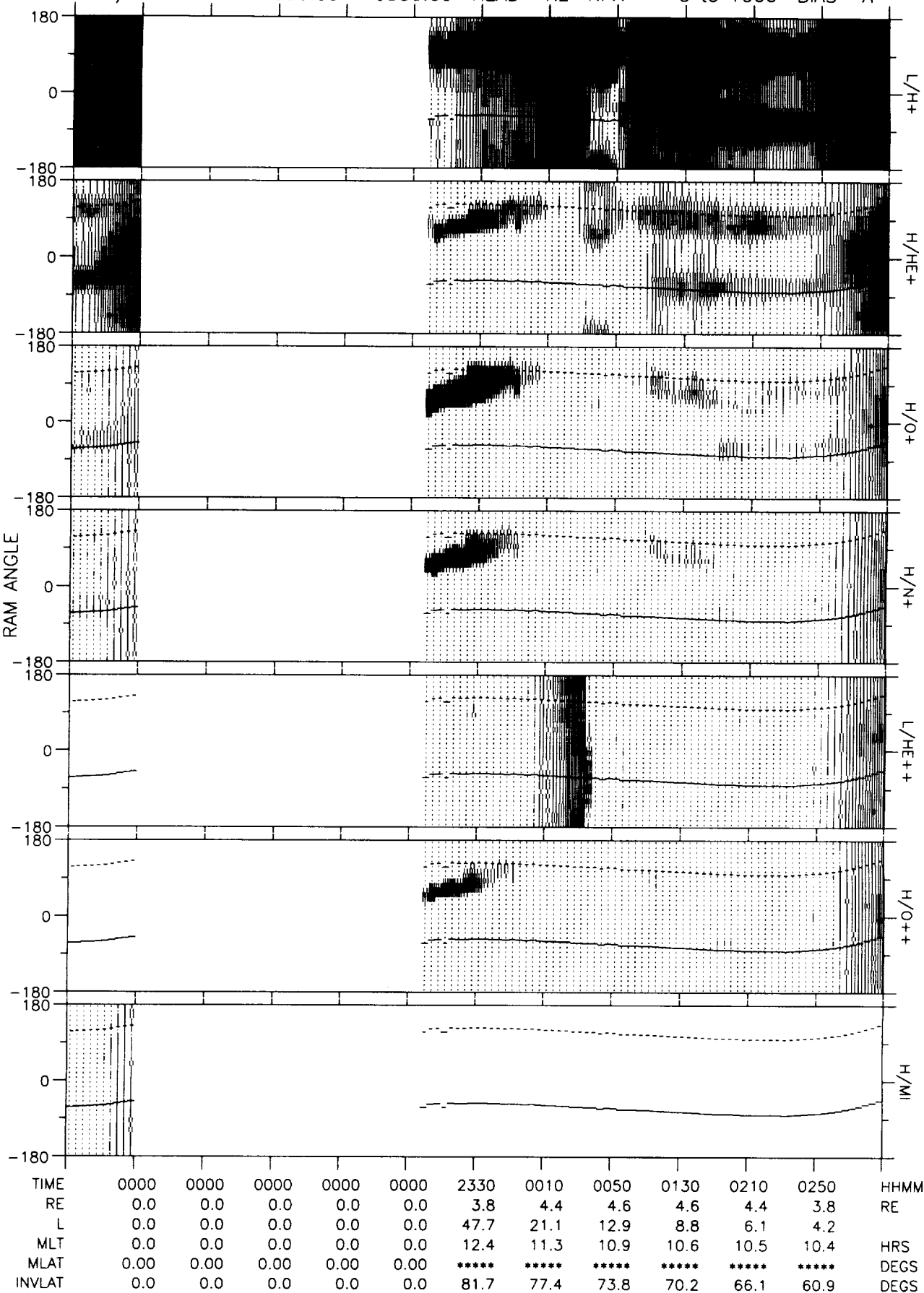
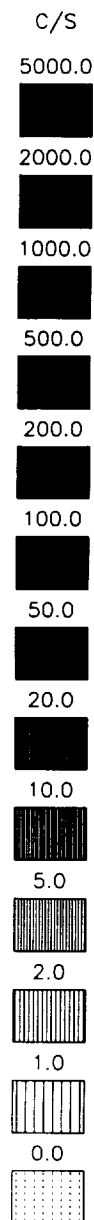
82/270 27-SEP 1315:00 - 2115:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1355	1435	1515	0000	0000	0000	1755	0000	1915	1955	0000	HHMM
RE	2.8	1.5	1.6	0.0	0.0	0.0	4.6	0.0	4.4	3.9	0.0	RE
L	3.5	39.8	4.2	0.0	0.0	0.0	7.0	0.0	4.9	3.9	0.0	
MLT	10.5	10.8	22.4	0.0	0.0	0.0	10.9	0.0	10.8	10.6	0.0	HRS
MLAT	26.73	80.80	****	0.00	0.00	0.00	****	0.00	****	-6.84	0.00	DEGS
INVLAT	57.8	80.8	60.7	0.0	0.0	0.0	67.8	0.0	63.1	59.8	0.0	DEGS

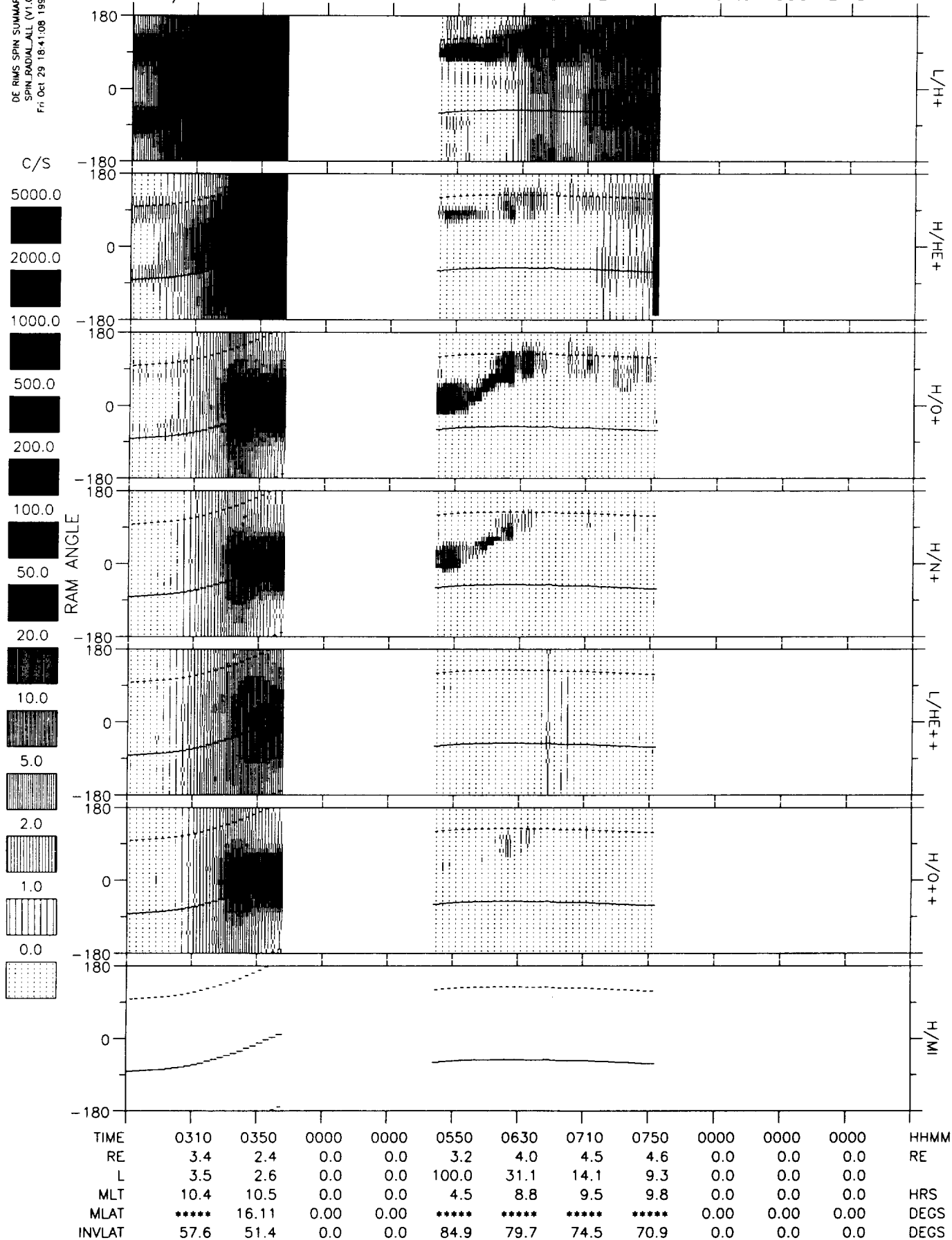
DE RIMS SPIN SUMMARY
SPINRADIAL ALL (V1.0)
Fri Oct 29 18:38:38 1993

82/270 27-SEP 1930:00 - 0330:00 HEAD= RL RPA= 0 to 1000 BIAS= A



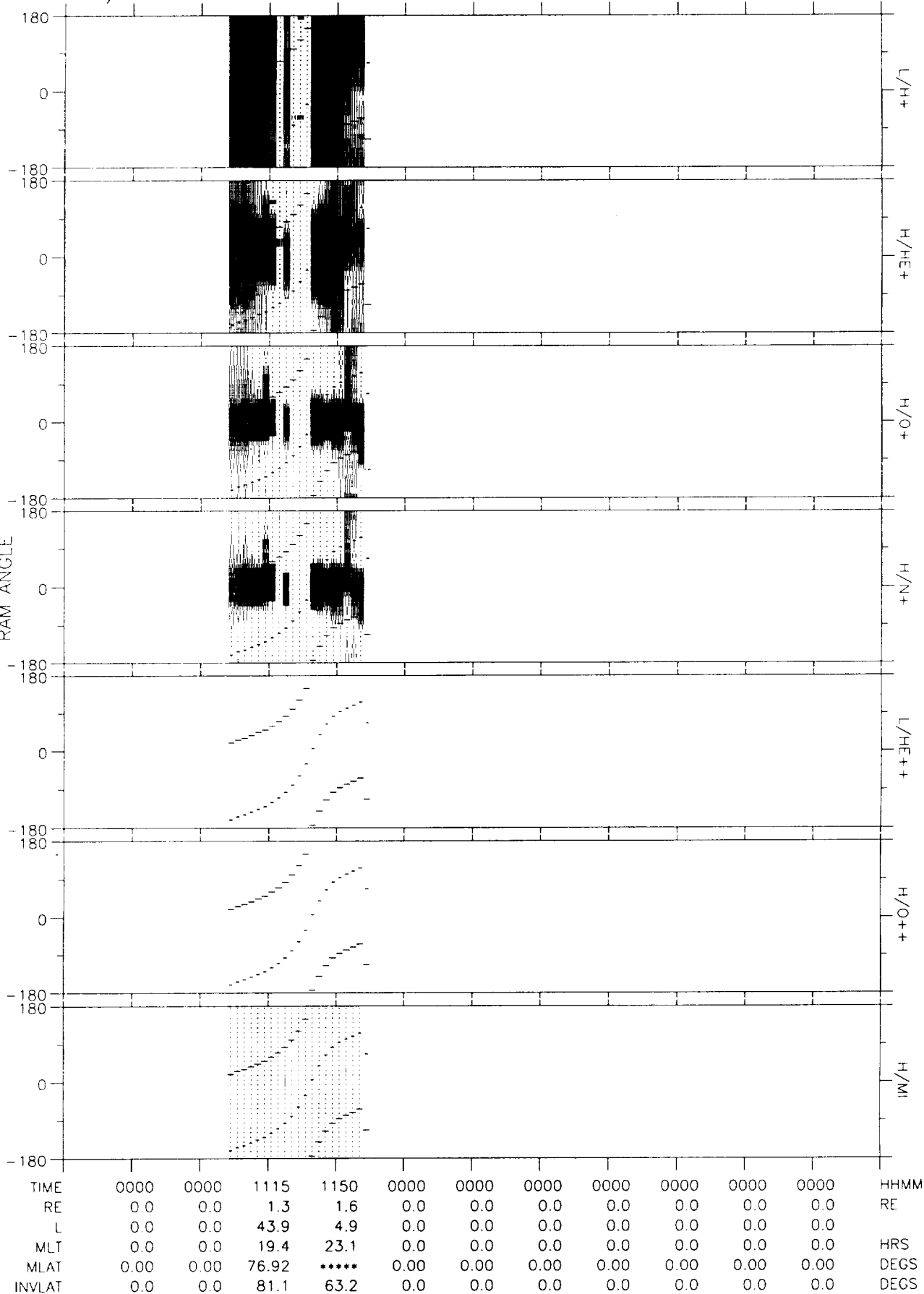
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Fri Oct 29 18:41:08 1993

82/271 28-SEP 0230:00 - 1030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



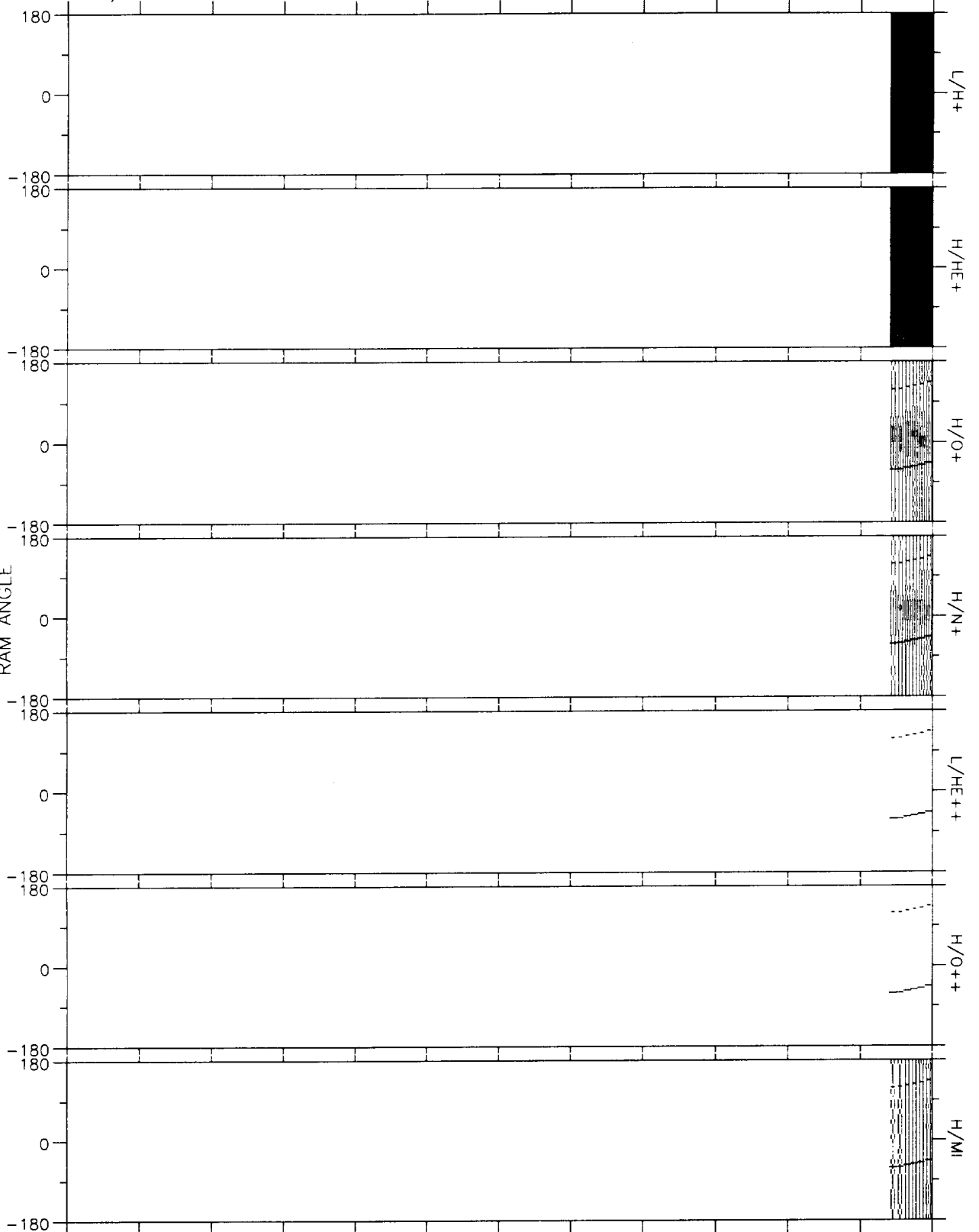
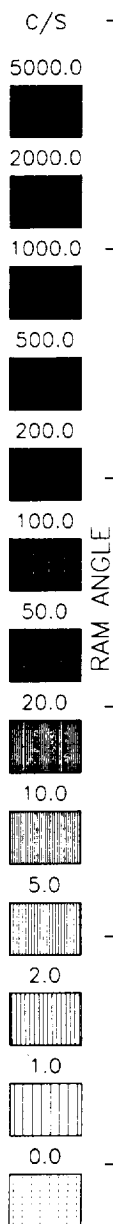
DE RMS SPIN SUMMARY
SPIN-RADIAL (V1.0)
Mon Dec 6 09:40:41 1993

82/271 28-SEP 0930:00 - 1630:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RMS SPIN SUMMARY
SPIN_RADIAL.ALL (V1.0)
Fri Oct 29 18:43:36 1993

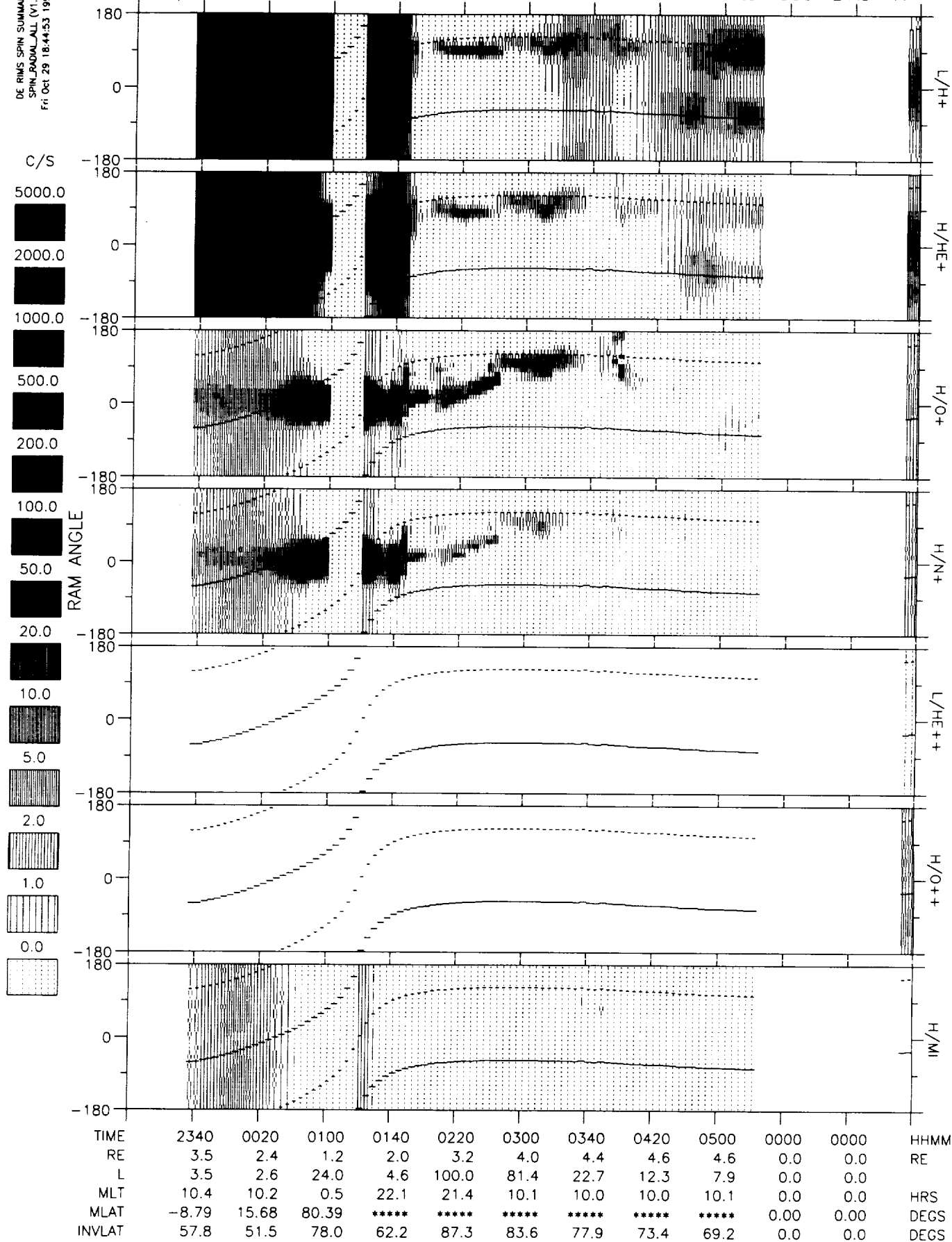
82/271 28-SEP 1600:00 - 0000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	HHMM
RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	RE
L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MLT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	HRS
MLAT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	DEGS
INVLAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DEGS

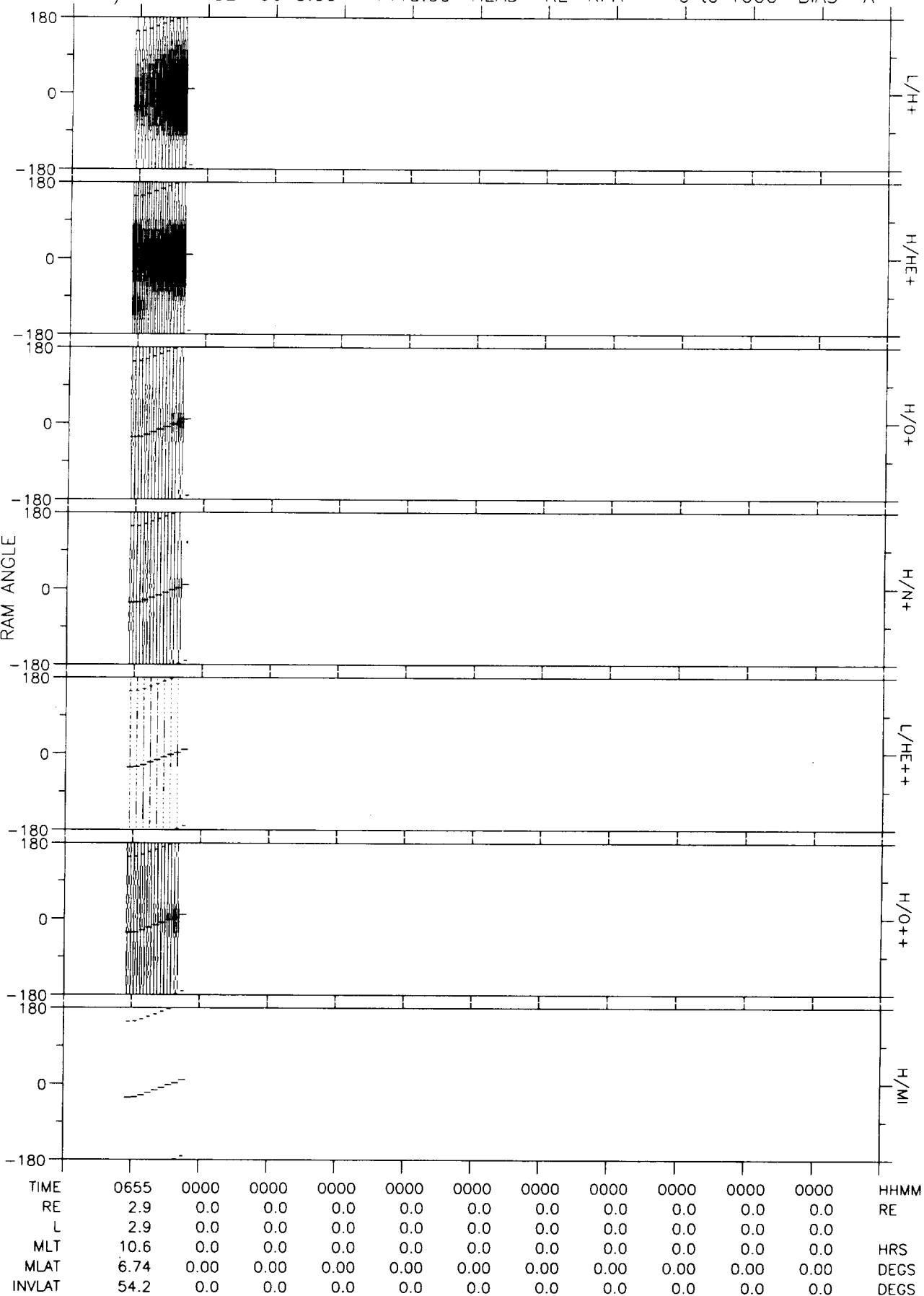
DE RIMS SPIN SUMMARY
SPIN/RADIAL ALL (V1.0)
Fri Oct 29 18:44:53 1993

82/271 28-SEP 2300:00 - 0700:00 HEAD= RL RPA= 0 to 1000 BIAS= A



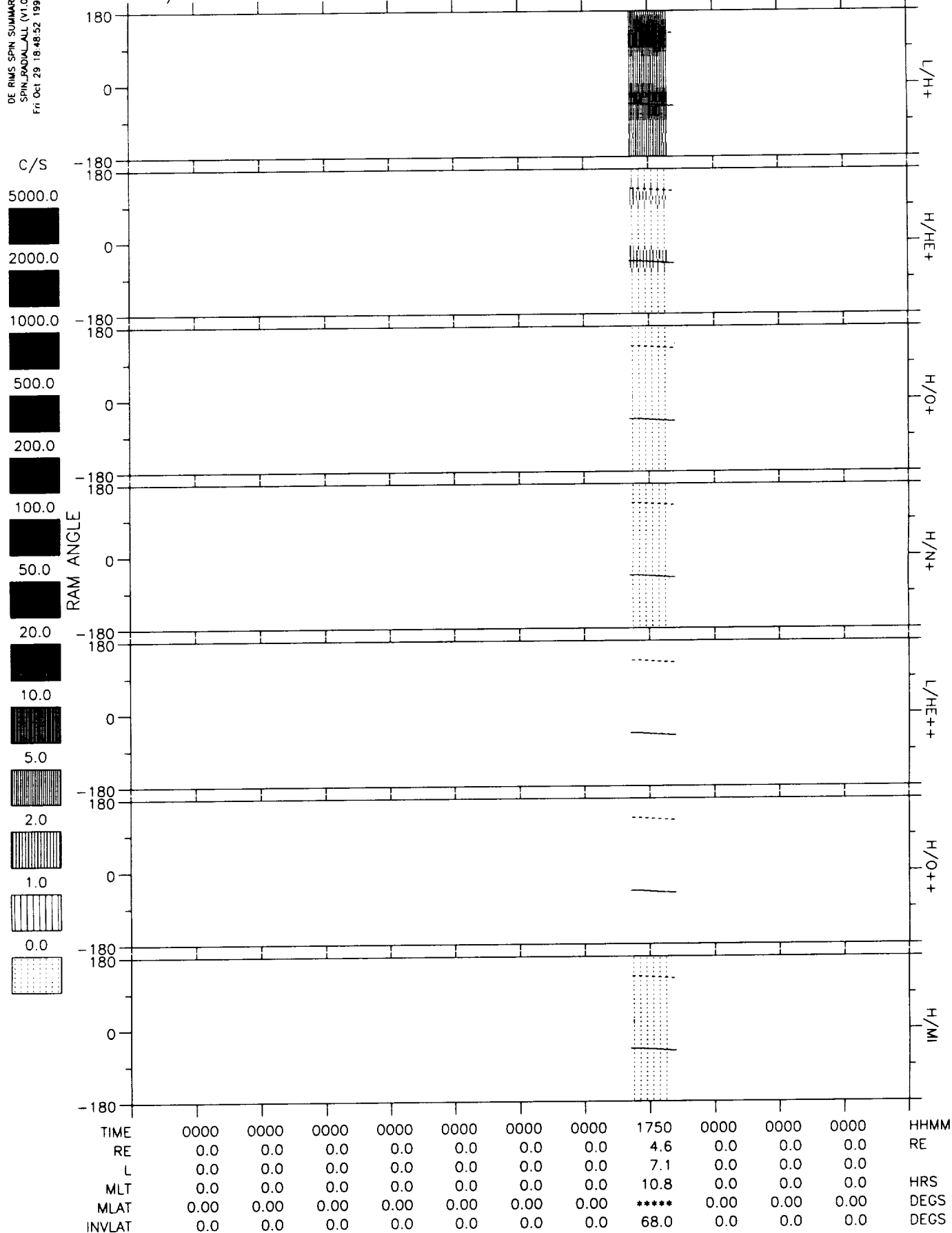
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Oct 29 18:47:43 1993

82/272 29-SEP 0615:00 - 1415:00 HEAD= RL RPA= 0 to 1000 BIAS= A



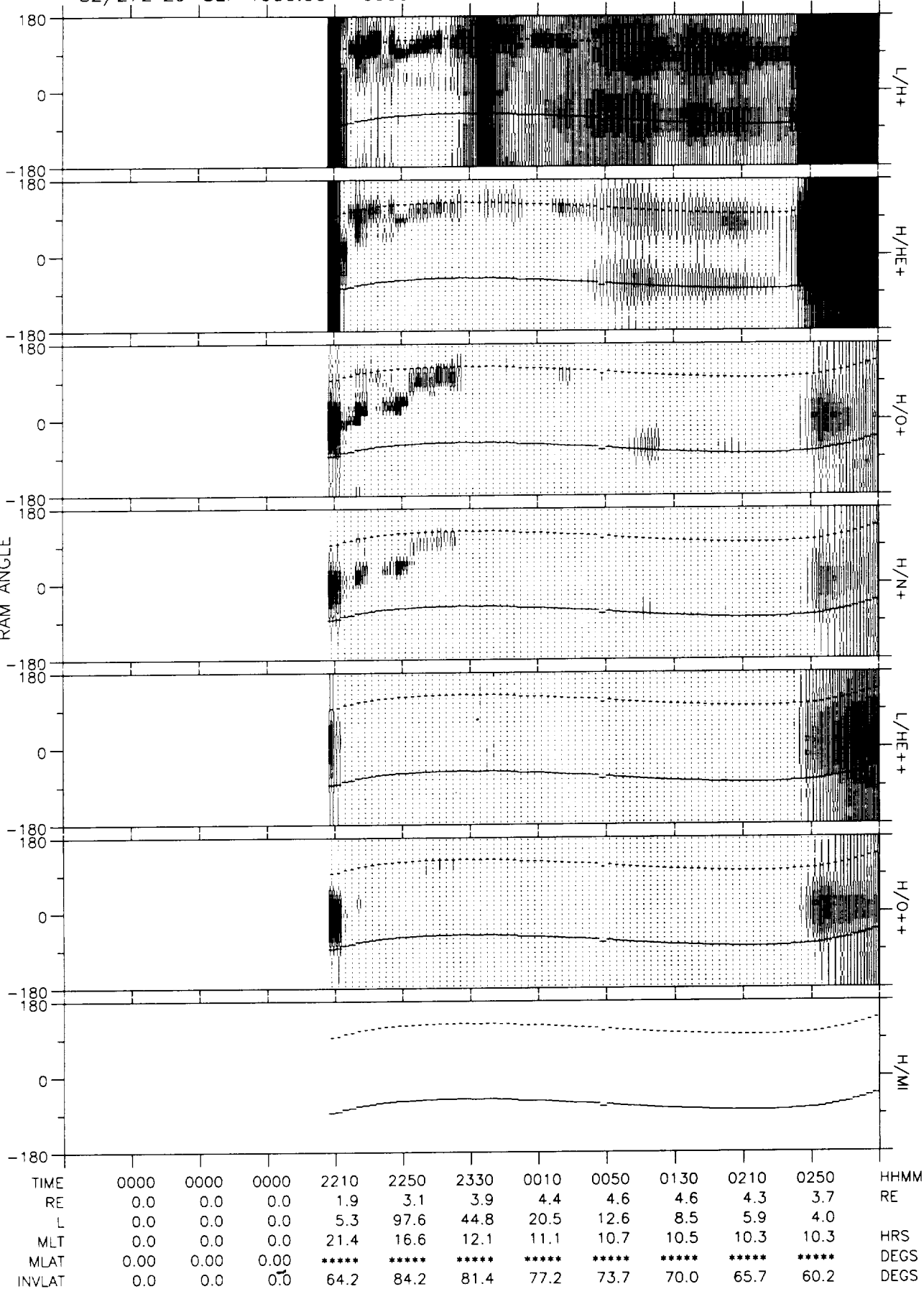
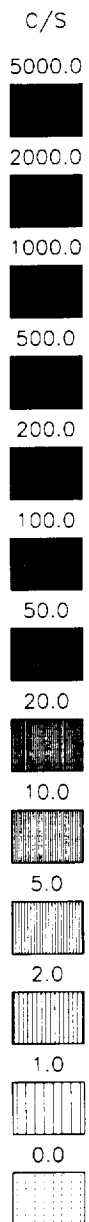
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Fri Oct 29 18:48:52 1993

82/272 29-SEP 1230:00 - 2030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



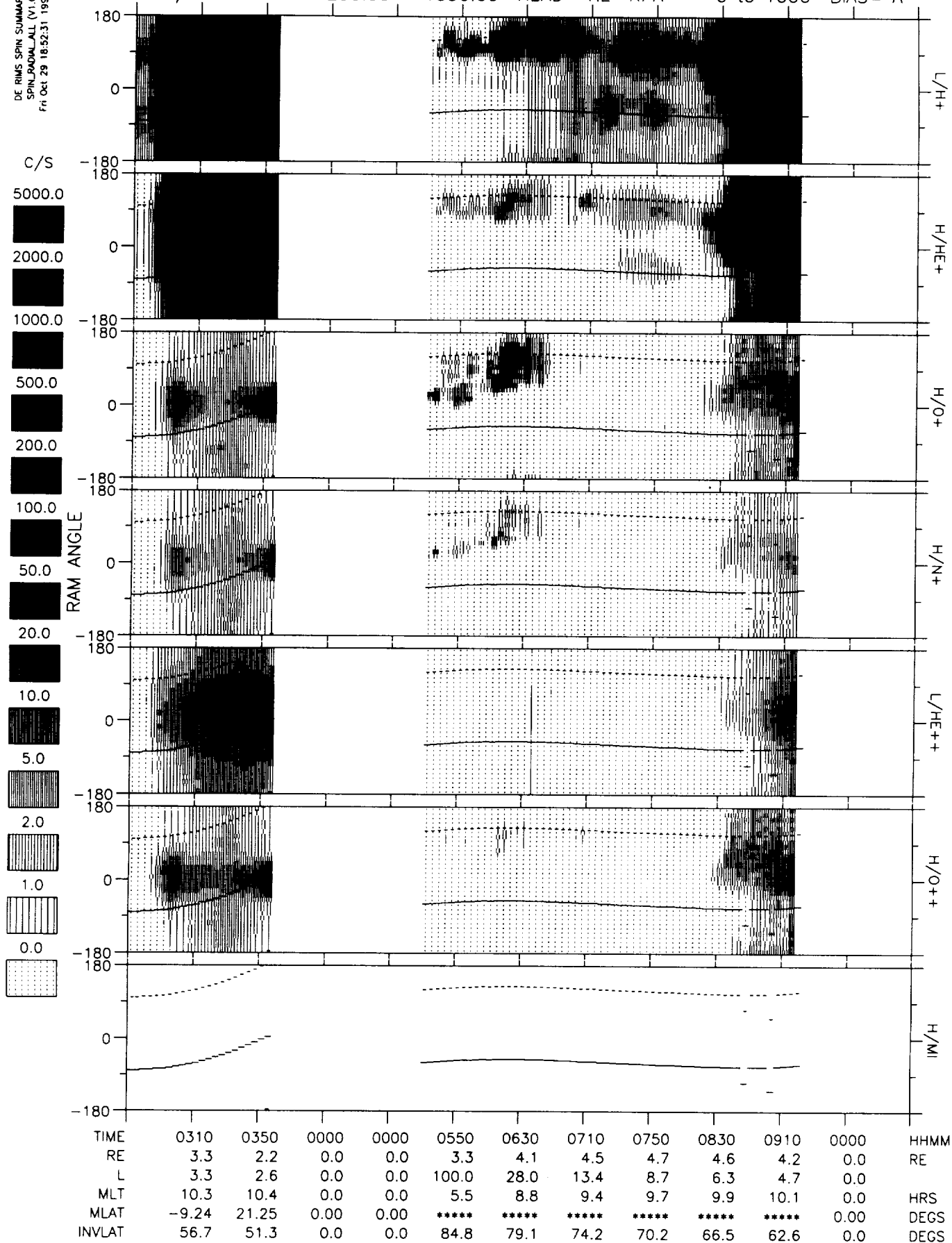
DE RIMS SPIN SUMMARY
SPIN_RADIAL.ALL (V1.0)
Fri Oct 29 18:49:55 1993

82/272 29-SEP 1930:00 - 0330:00 HEAD= RL RPA= 0 to 1000 BIAS= A



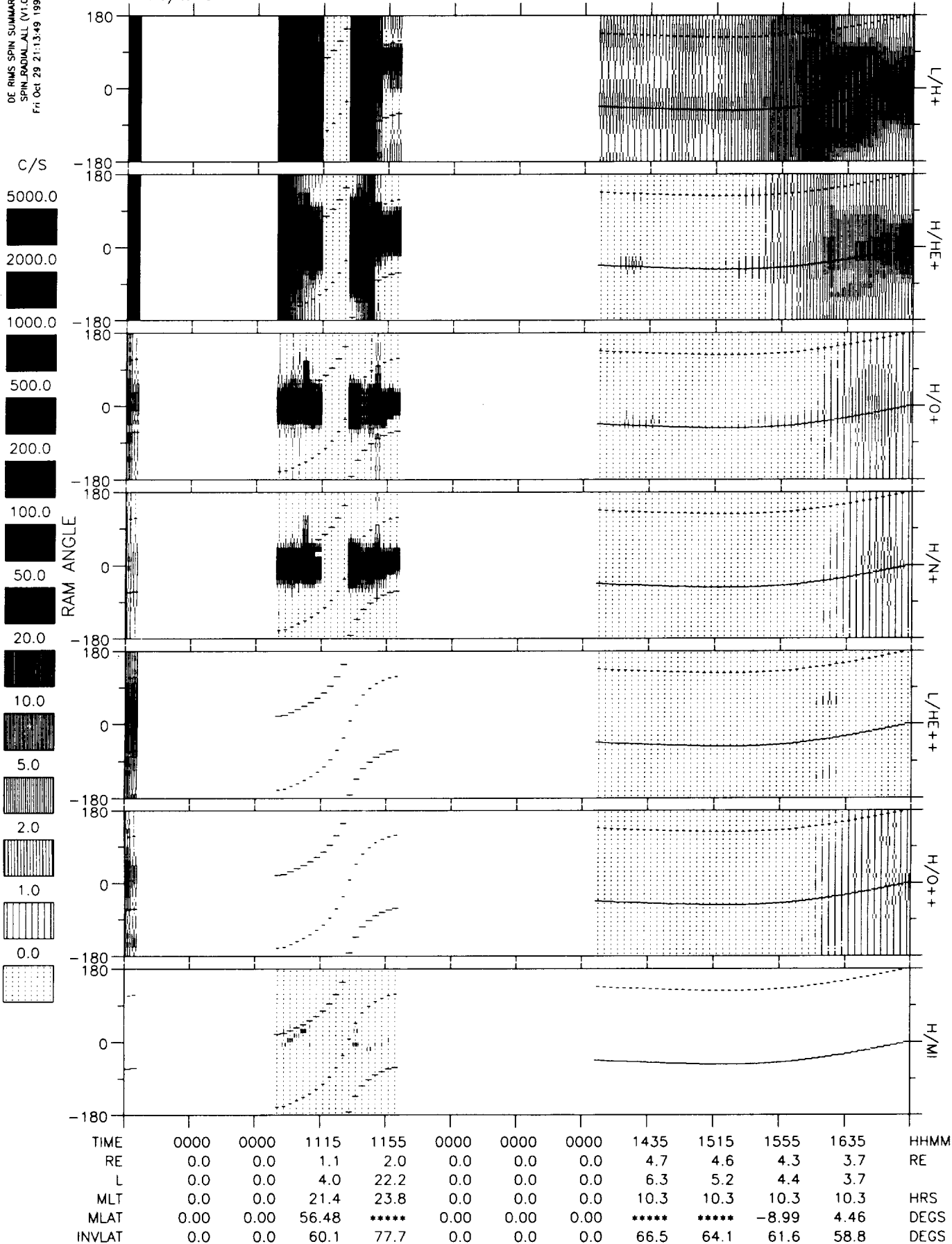
DE RIMS SPIN SUMMARY
SPIN/DOUL/ALL (V1.0)
Fri Oct 29 18:52:31 1993

82/273 30-SEP 0230:00 - 1030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



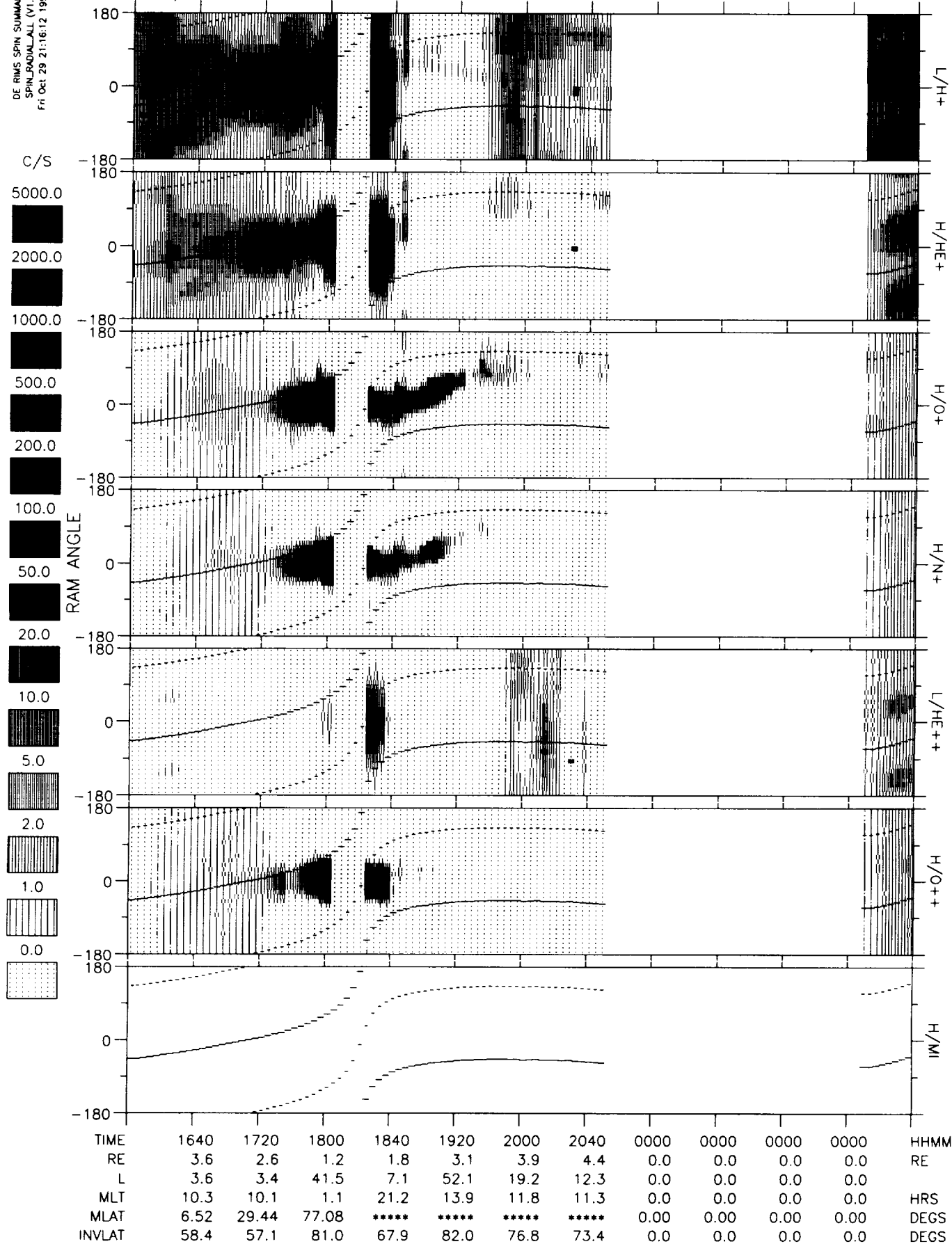
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Oct 29 21:13:49 1993

82/273 30-SEP 0915:00 - 1715:00 HEAD= RL RPA= 0 to 1000 BIAS= A



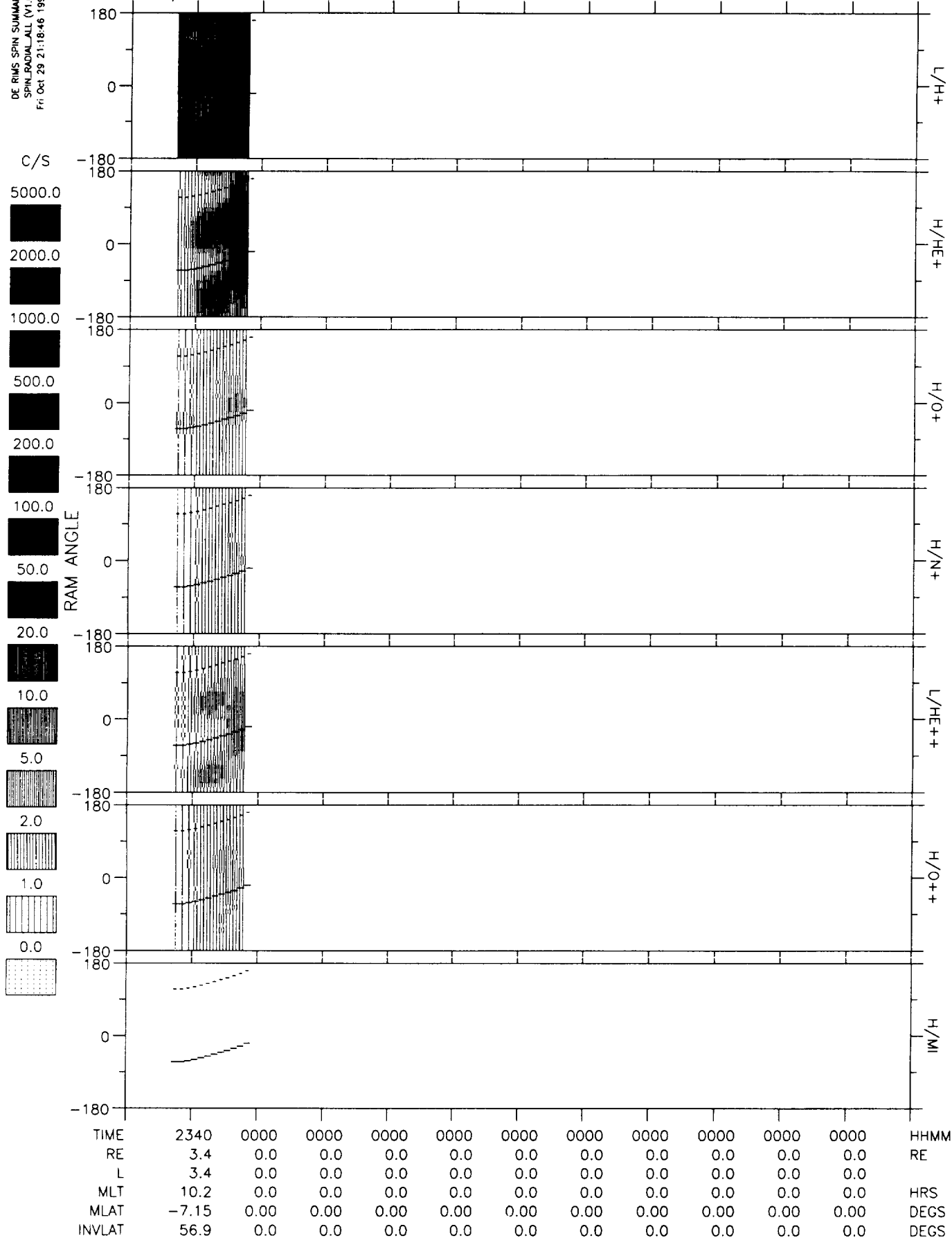
DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Fri Oct 29 21:16:12 1993

82/273 30-SEP 1600:00 - 0000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



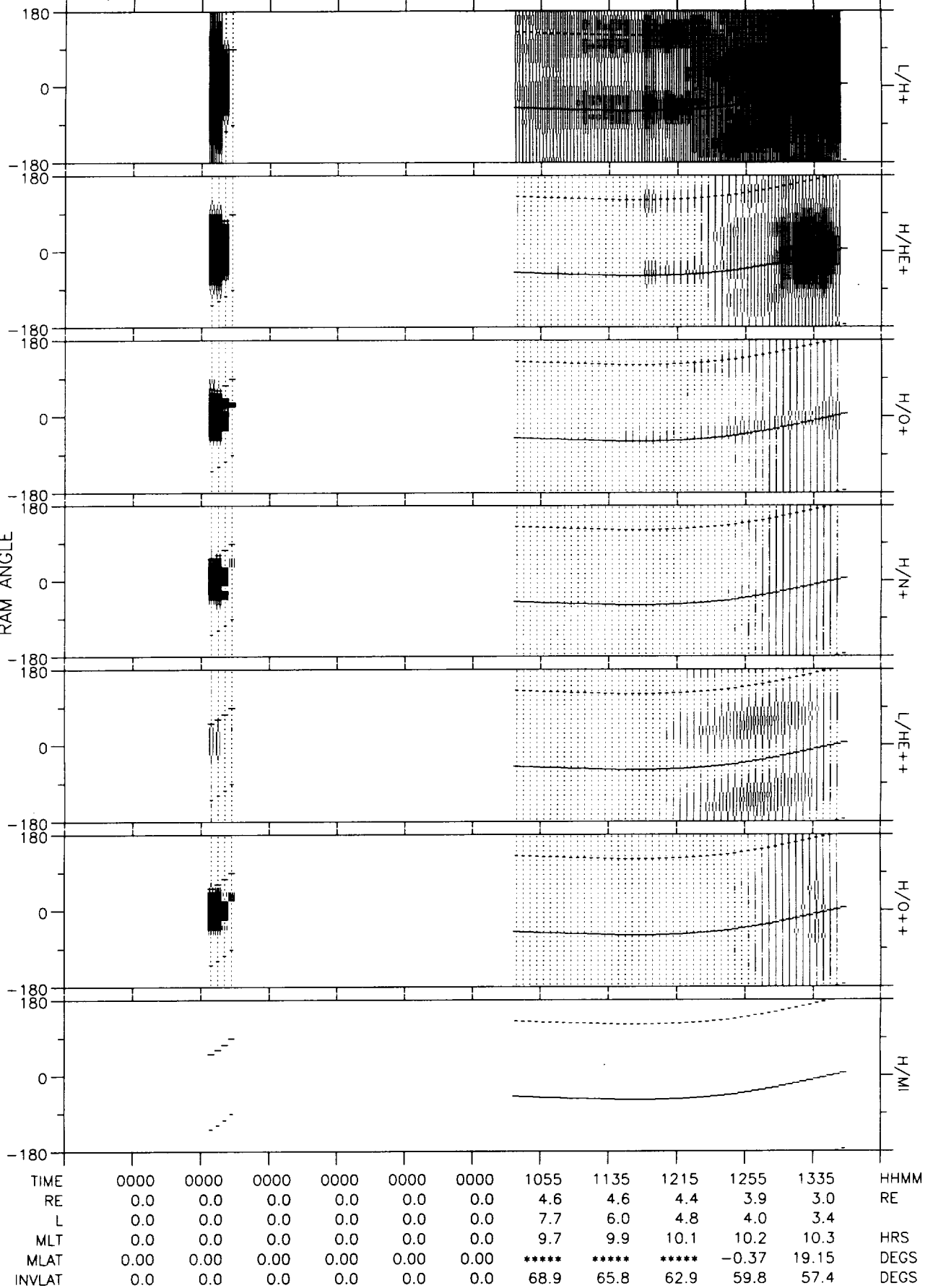
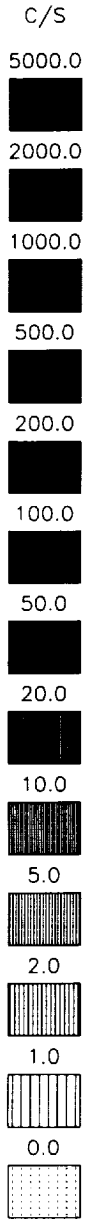
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Fri Oct 29 21:18:46 1993

82/273 30-SEP 2300:00 - 0700:00 HEAD= RL RPA= 0 to 1000 BIAS= A



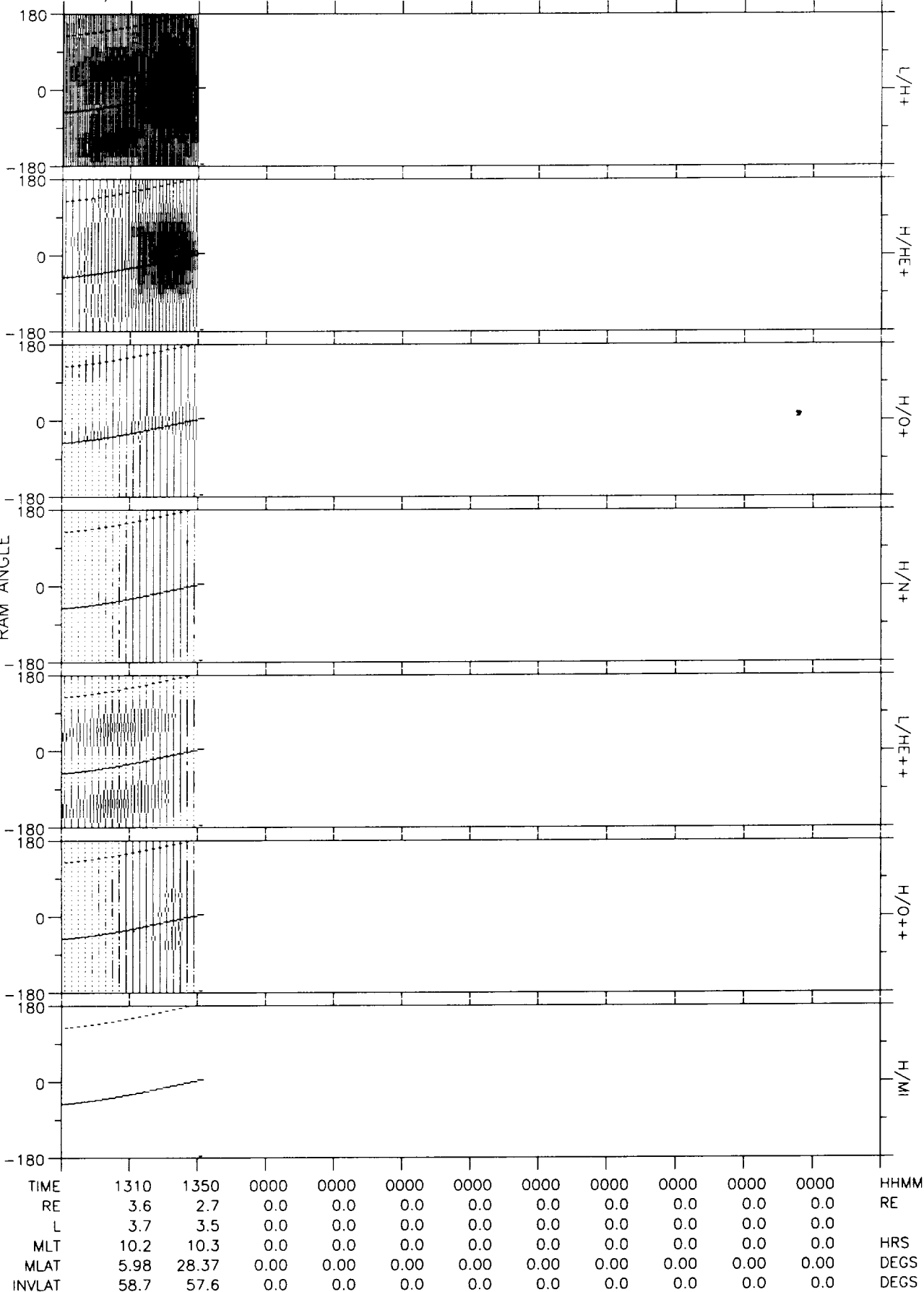
DE RIMS SPIN SUMMARY
SPIN JOURNAL (V1.0)
Fri Oct 29 21:20:04 1993

82/274 01-OCT 0615:00 - 1415:00 HEAD= RL RPA= 0 to 1000 BIAS= A



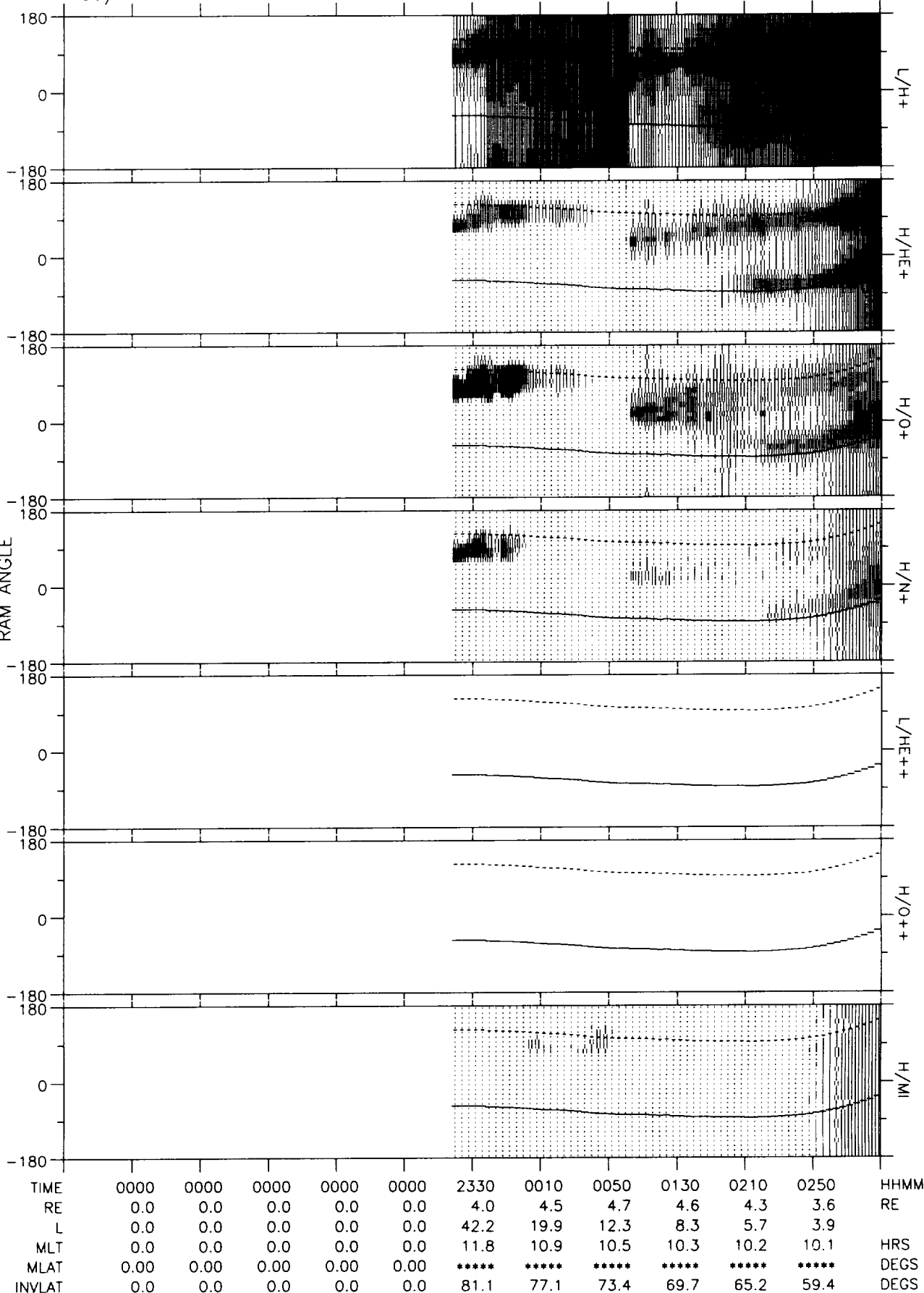
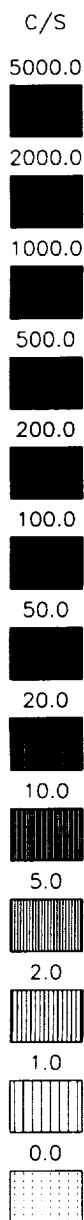
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Fri Oct 29 21:21:53 1993

82/274 01-OCT 1230:00 - 2030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



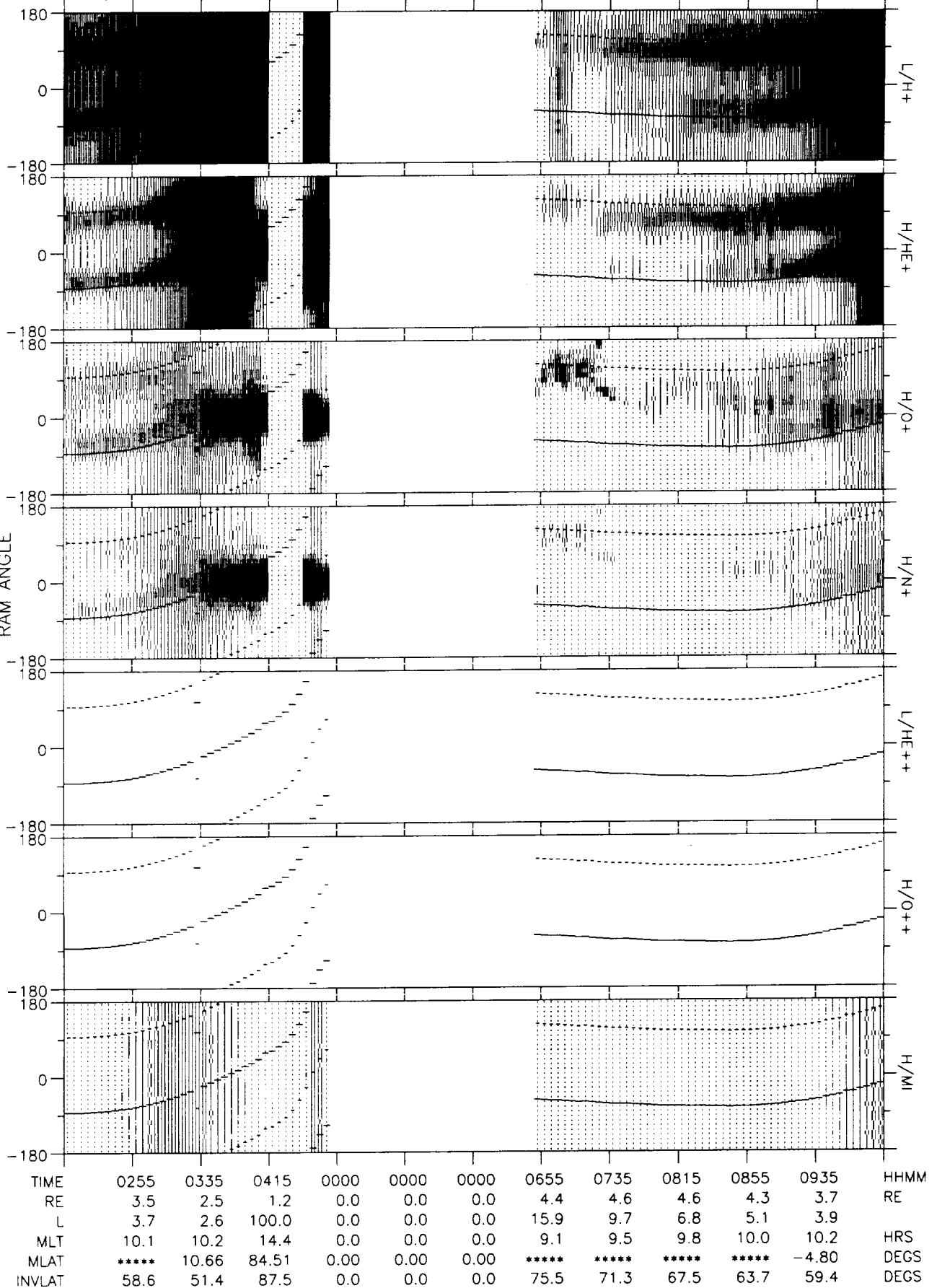
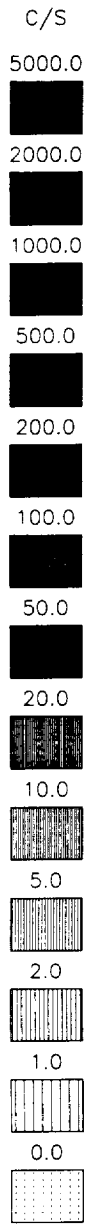
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Oct 29 21:23:23 1993

82/274 01-OCT 1930:00 - 0330:00 HEAD= RL RPA= 0 to 1000 BIAS= A



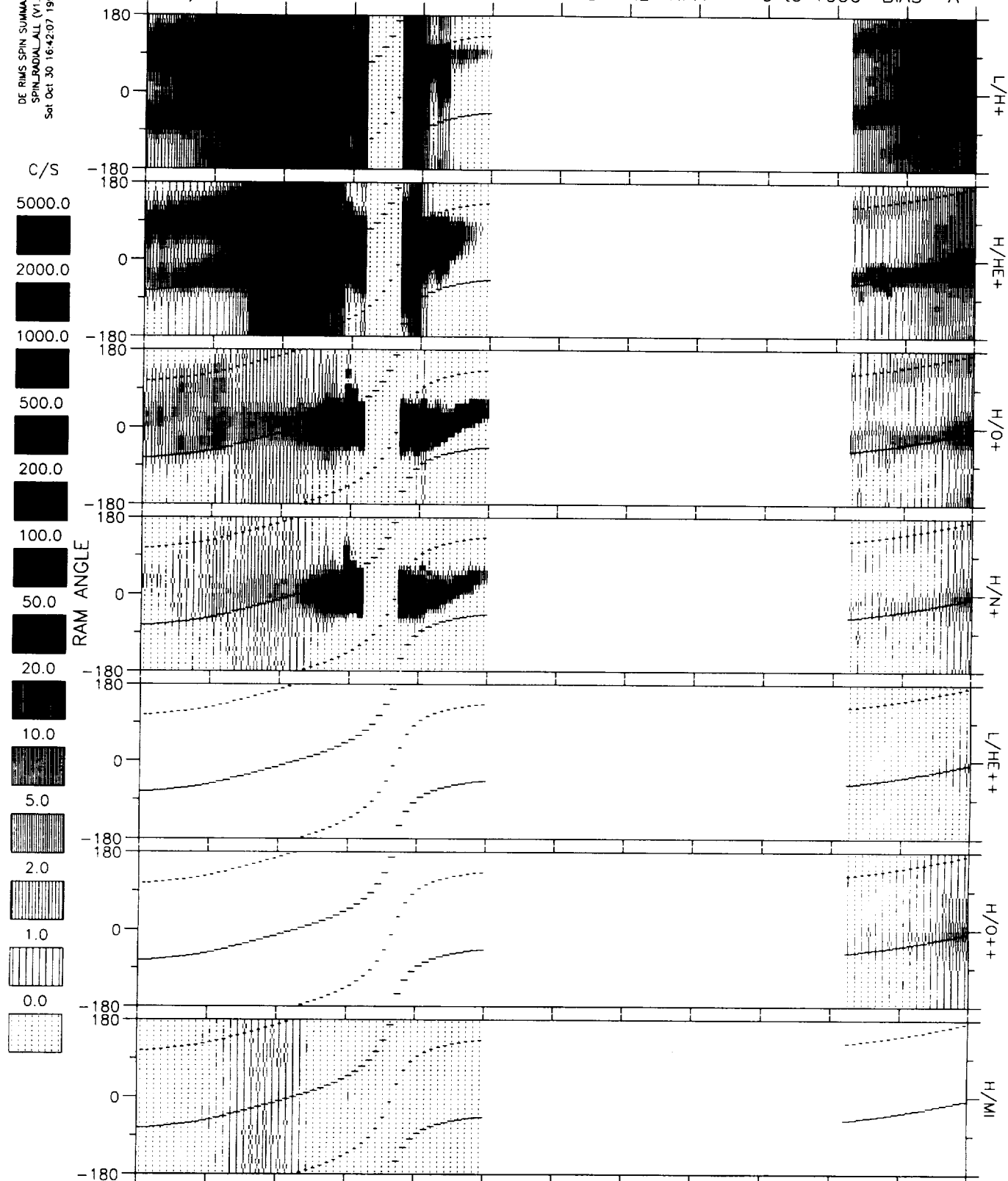
DE RIMS SPIN SUMMARY
SPIN_RADIAL.ALL (V1.0)
Sat Oct 30 16:39:06 1993

82/275 02-OCT 0215:00 - 1015:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Sat Oct 30 16:42:07 1993

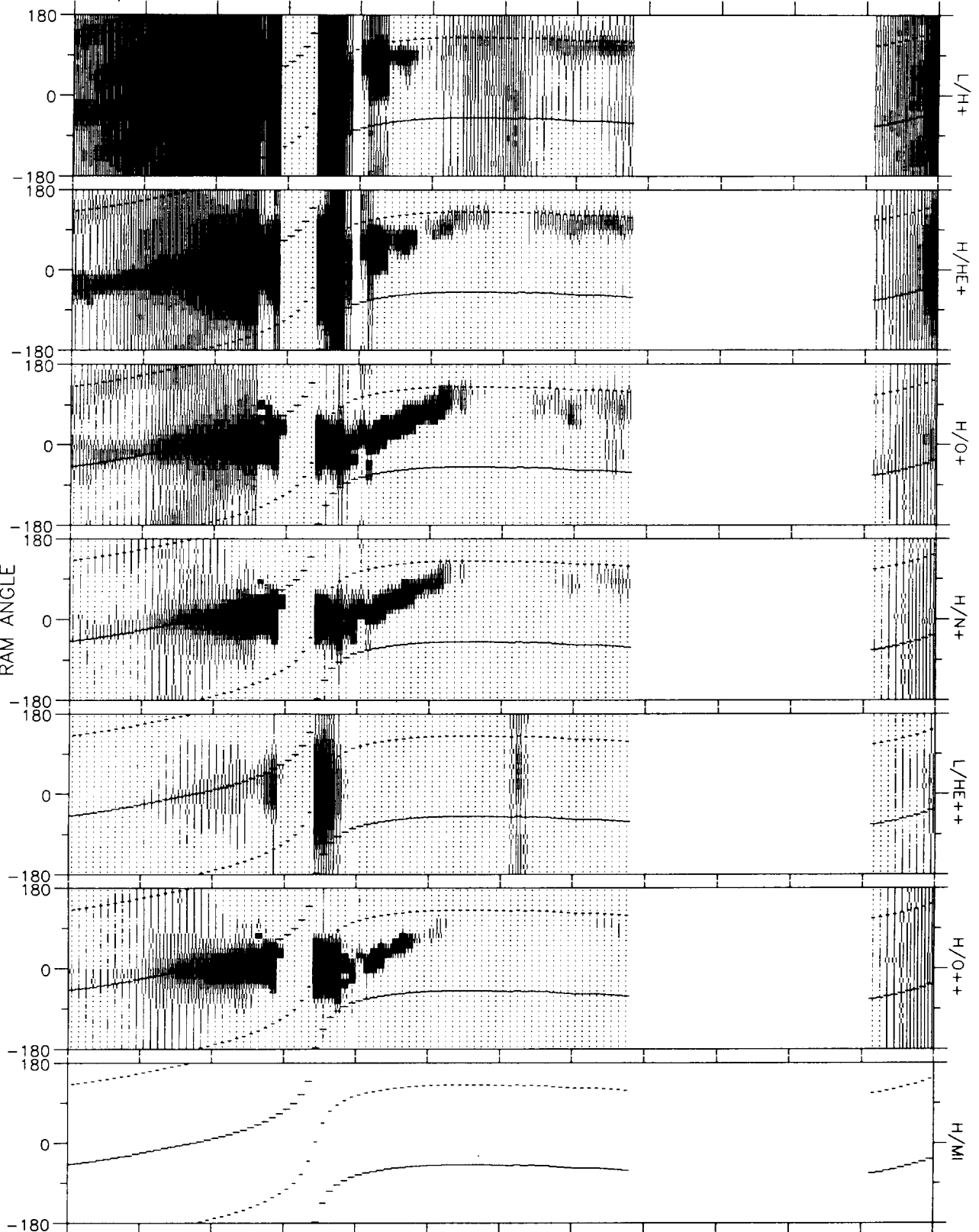
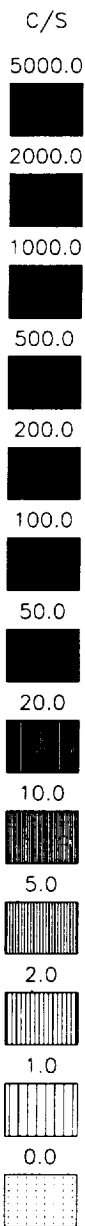
82/275 02-OCT 0900:00 - 1700:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0940	1020	1100	1140	0000	0000	0000	0000	0000	0000	1620	HHMM
RE	3.6	2.7	1.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	3.8	RE
L	3.7	3.0	34.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	3.9	
MLT	10.2	10.5	14.4	22.9	0.0	0.0	0.0	0.0	0.0	0.0	10.2	HRS
MLAT	-2.50	21.65	79.49	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.14	DEGS
INVLAT	58.9	54.9	80.2	64.5	0.0	0.0	0.0	0.0	0.0	0.0	59.4	DEGS

DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Sat Oct 30 16:44:50 1993

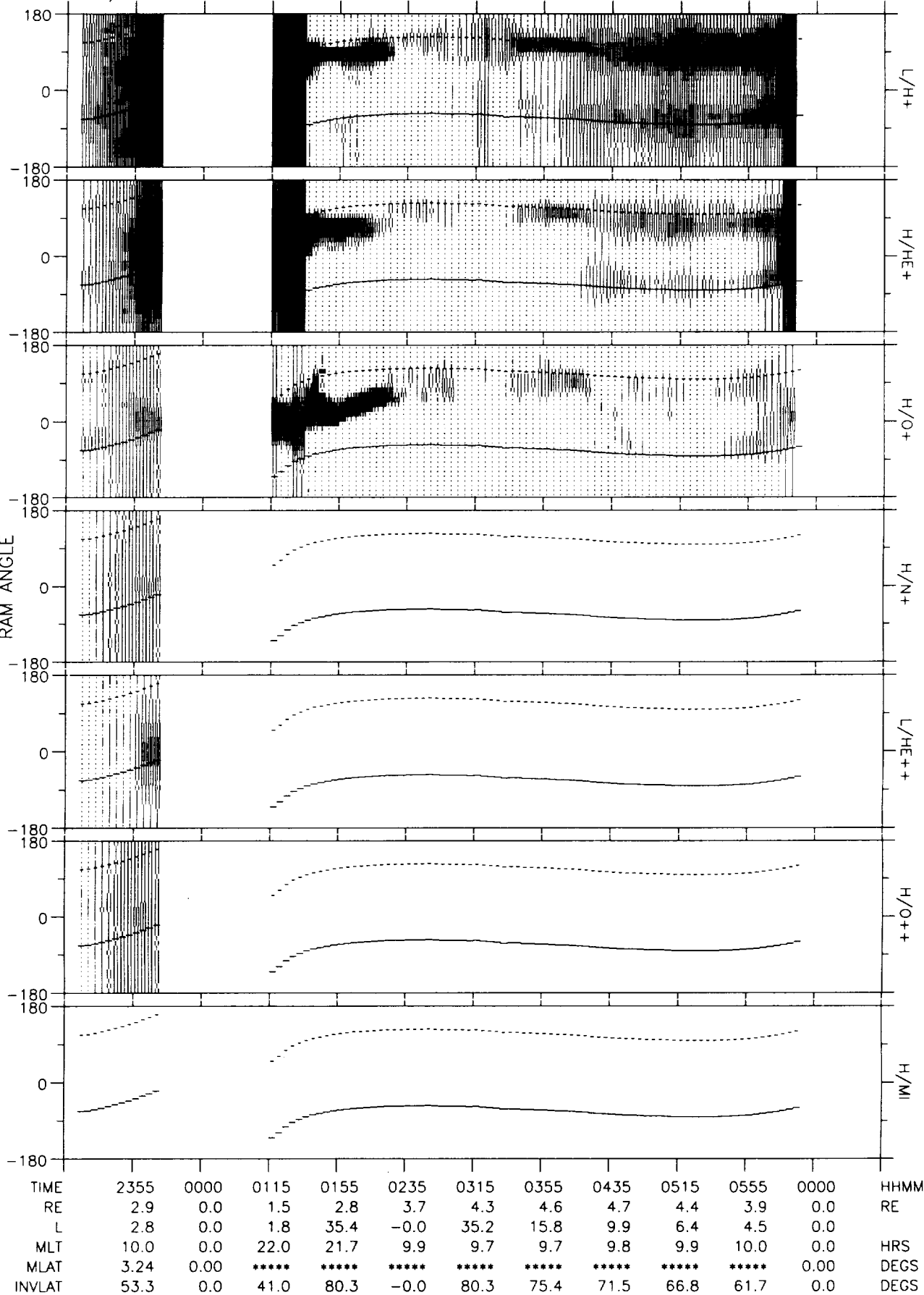
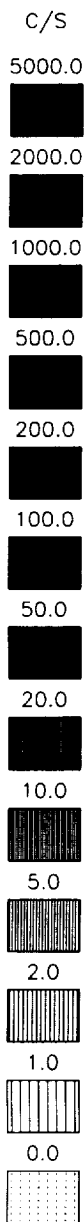
82/275 02-OCT 1600:00 - 0000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1640	1720	1800	1840	1920	2000	2040	0000	0000	0000	0000	HHMM
RE	3.5	2.4	1.1	2.0	3.2	4.0	4.4	0.0	0.0	0.0	0.0	RE
L	3.5	3.4	5.0	11.7	46.2	18.6	12.2	0.0	0.0	0.0	0.0	
MLT	10.1	9.9	23.2	20.7	13.3	11.7	11.2	0.0	0.0	0.0	0.0	HRS
MLAT	8.12	33.41	58.47	*****	*****	*****	*****	0.00	0.00	0.00	0.00	DEGS
INVLAT	58.0	57.4	63.4	73.0	81.5	76.6	73.4	0.0	0.0	0.0	0.0	DEGS

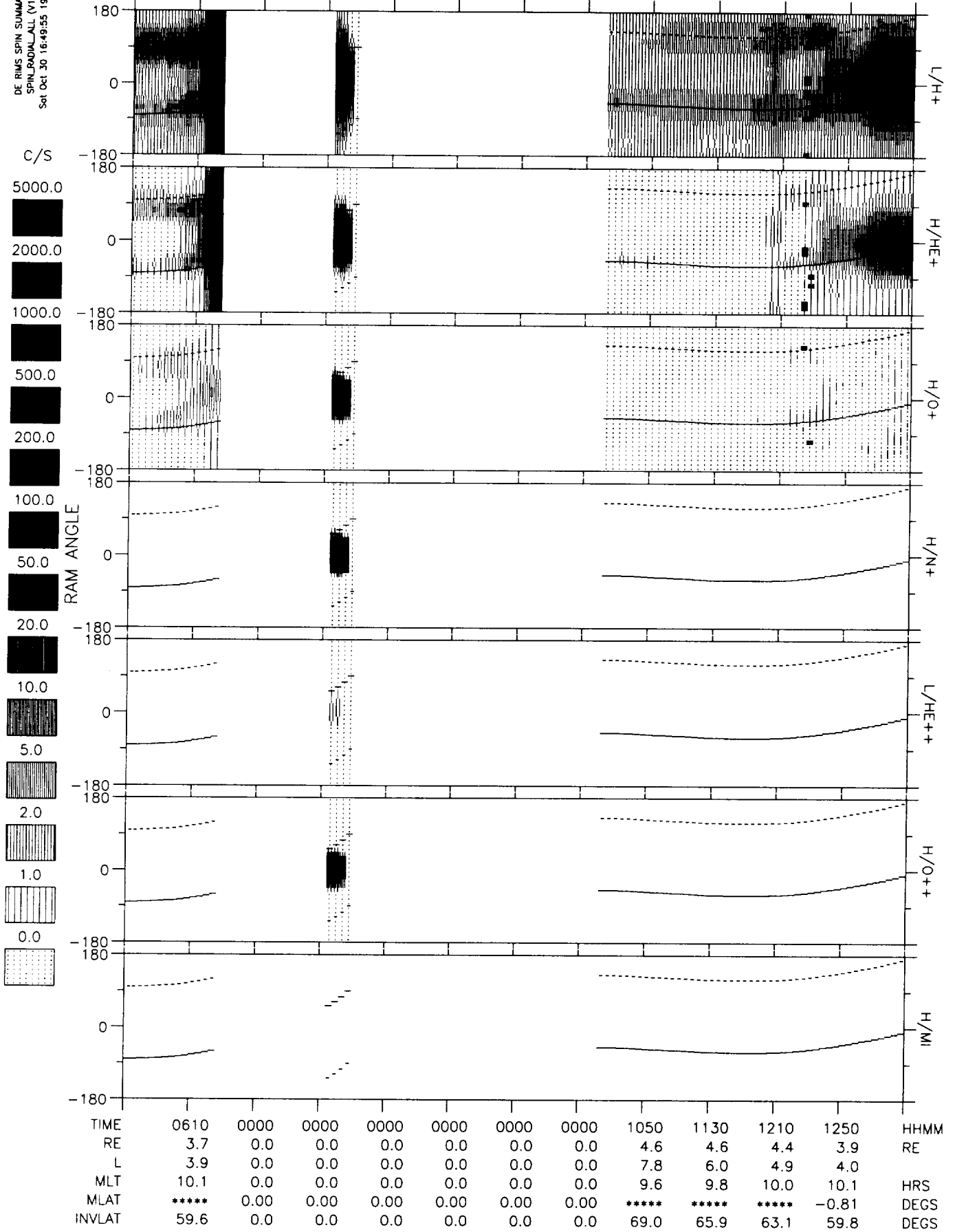
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Sat Oct 30 16:47:47 1993

82/275 02-OCT 2315:00 - 0715:00 HEAD= RL RPA= 0 to 1000 BIAS= A



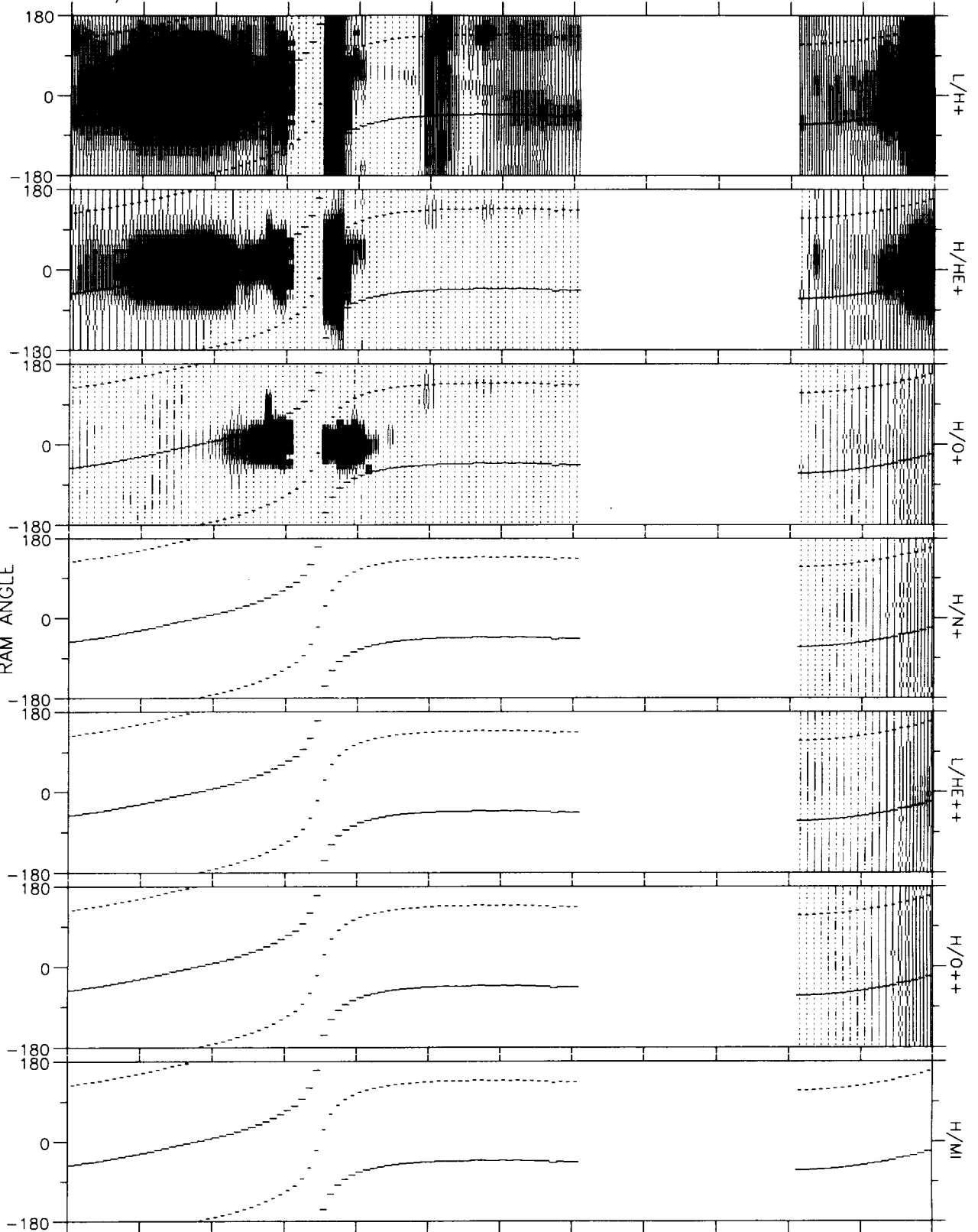
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Sat Oct 30 16:49:55 1993

82/276 03-OCT 0530:00 - 1330:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Sat Oct 30 16:51:43 1993

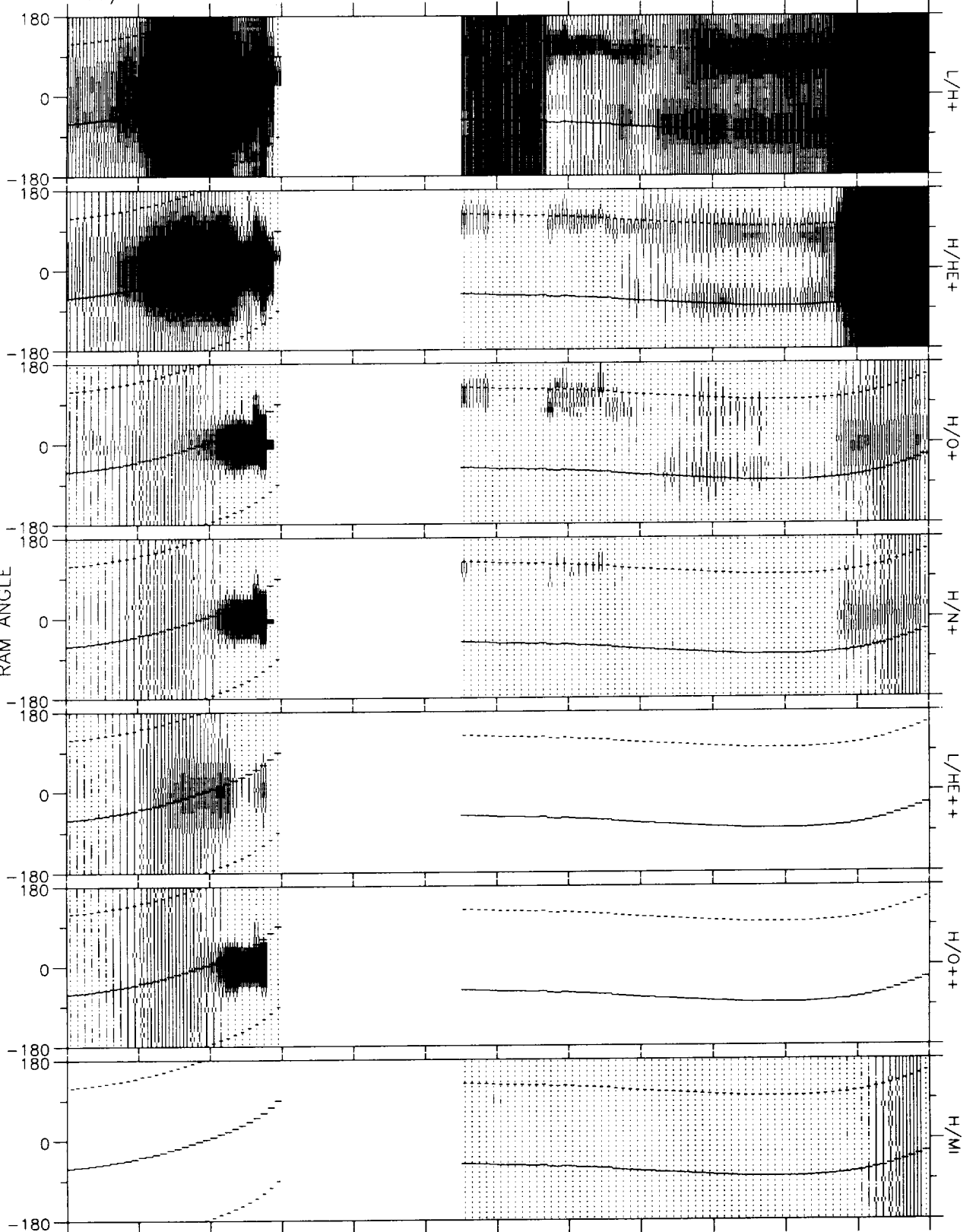
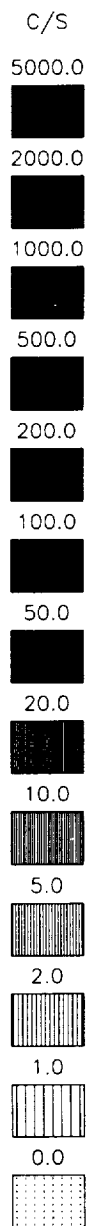
82/276 03-OCT 1230:00 - 2030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1310	1350	1430	1510	1550	1630	1710	0000	0000	0000	1950	HHMM
RE	3.5	2.5	1.2	1.9	3.1	3.9	4.4	0.0	0.0	0.0	3.7	RE
L	3.6	3.6	9.1	18.2	36.7	12.9	9.0	0.0	0.0	0.0	3.7	
MLT	10.1	10.2	22.1	21.8	11.1	10.7	10.7	0.0	0.0	0.0	10.2	HRS
MLAT	7.86	34.03	64.64	*****	*****	*****	*****	0.00	0.00	0.00	-5.46	DEGS
INVLAT	58.3	58.2	70.5	76.4	80.5	73.8	70.5	0.0	0.0	0.0	58.8	DEGS

DE RMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Set Oct 30 16:53:56 1993

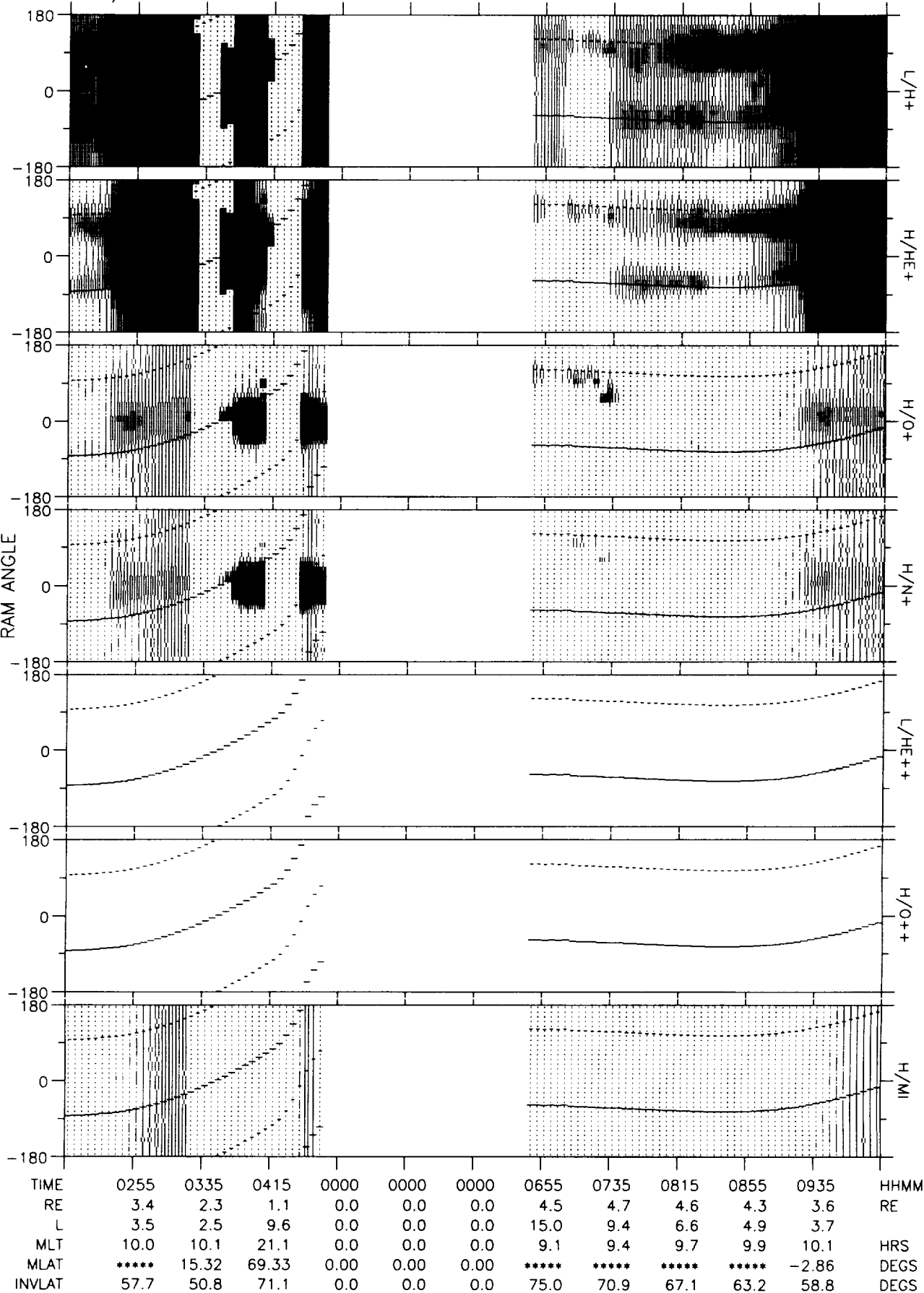
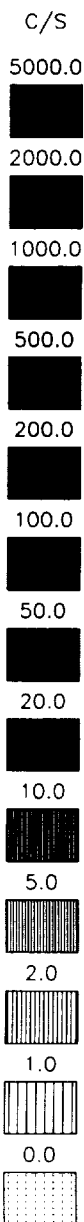
82/276 03-OCT 1930:00 - 0330:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	2010	2050	0000	0000	0000	2330	0010	0050	0130	0210	0250	HHMM
RE	3.3	2.2	0.0	0.0	0.0	4.1	4.5	4.7	4.6	4.2	3.5	RE
L	3.3	2.8	0.0	0.0	0.0	40.0	19.4	12.0	8.1	5.5	3.7	
MLT	10.1	9.7	0.0	0.0	0.0	11.6	10.8	10.4	10.2	10.1	10.0	HRS
MLAT	2.61	28.15	0.00	0.00	0.00	*****	*****	*****	*****	*****	*****	DEGS
INVLAT	56.4	53.4	0.0	0.0	0.0	80.9	76.9	73.2	69.4	64.8	58.6	DEGS

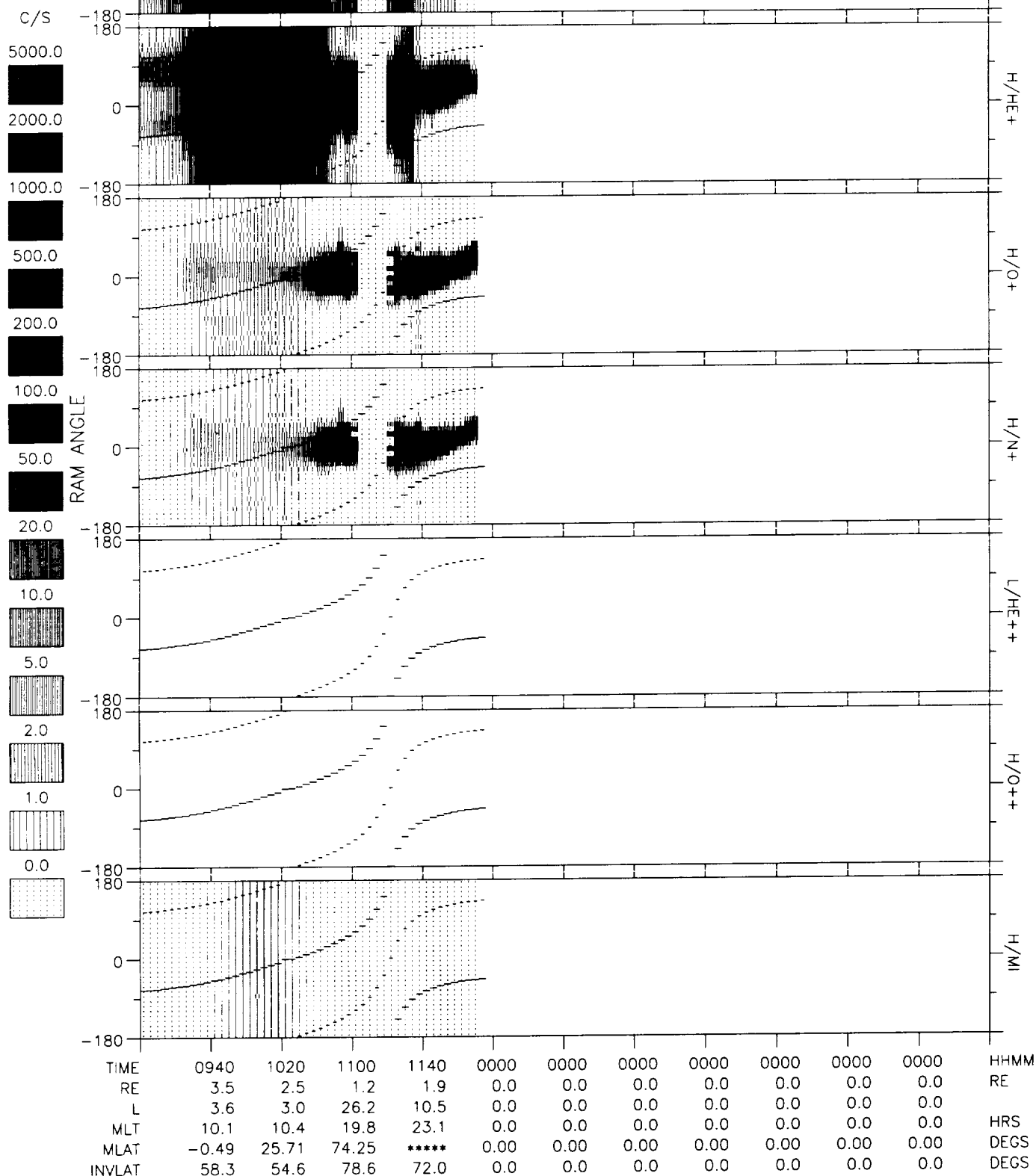
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Set Oct 30 16:57:01 1993

82/277 04-OCT 0215:00 - 1015:00 HEAD= RL RPA= 0 to 1000 BIAS= A



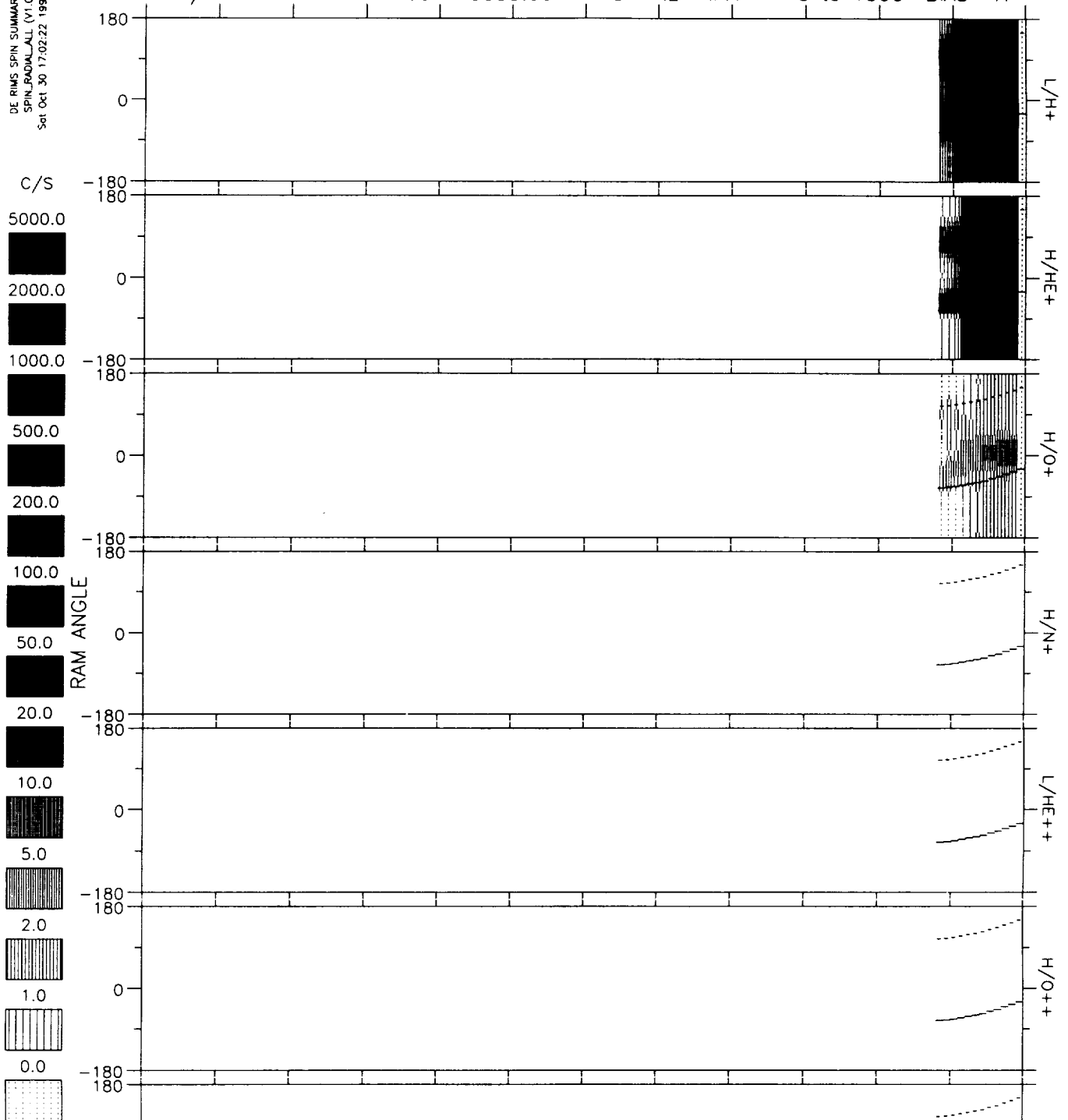
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Set Oct 30 17:00:06 1993

82/277 04-OCT 0900:00 - 1700:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Sat Oct 30 17:02:22 1993

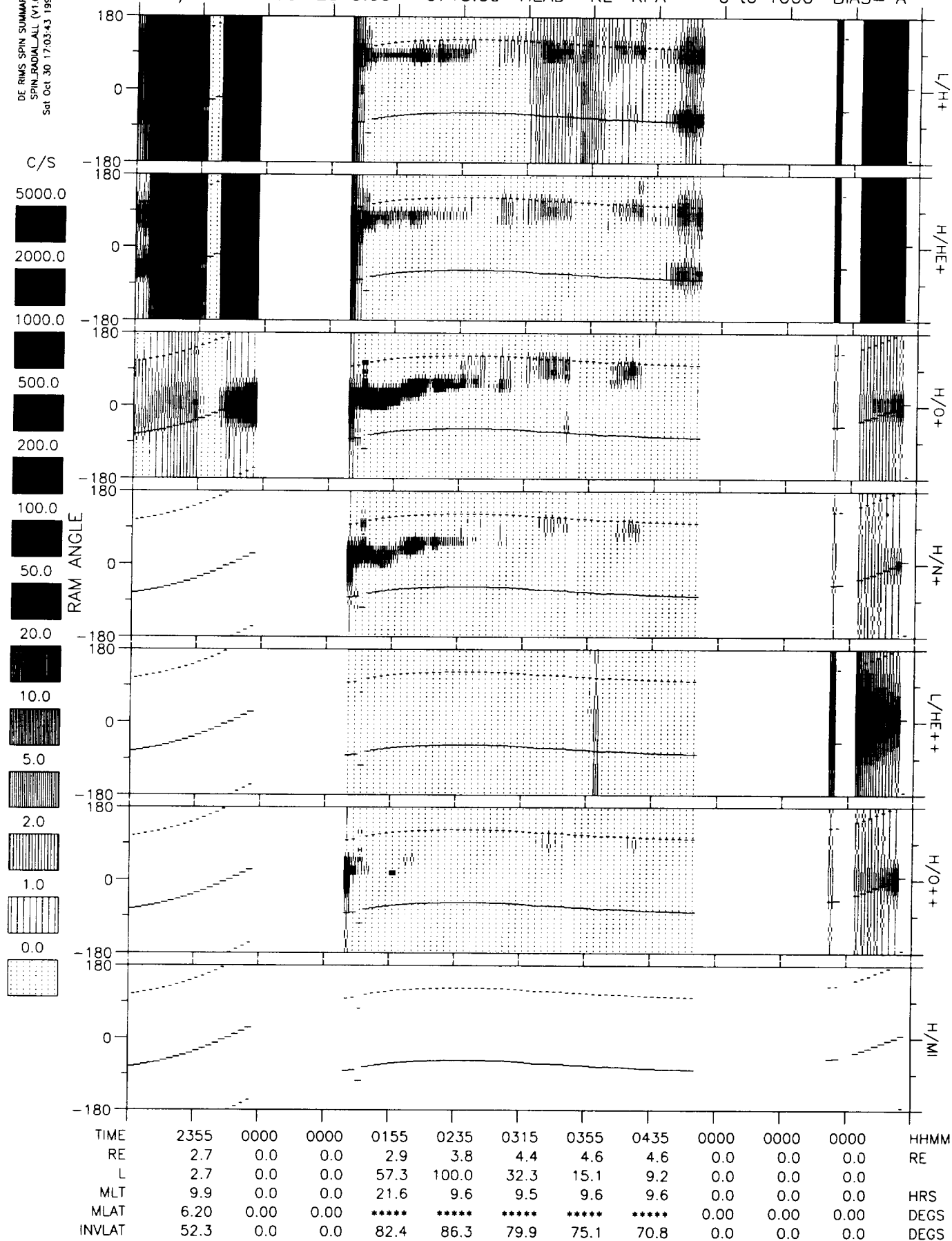
82/277 04-OCT 1600:00 - 0000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	2320	HHMM
RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	RE
L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	
MLT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	HRS
MLAT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*****	DEGS
INVLAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.6	DEGS

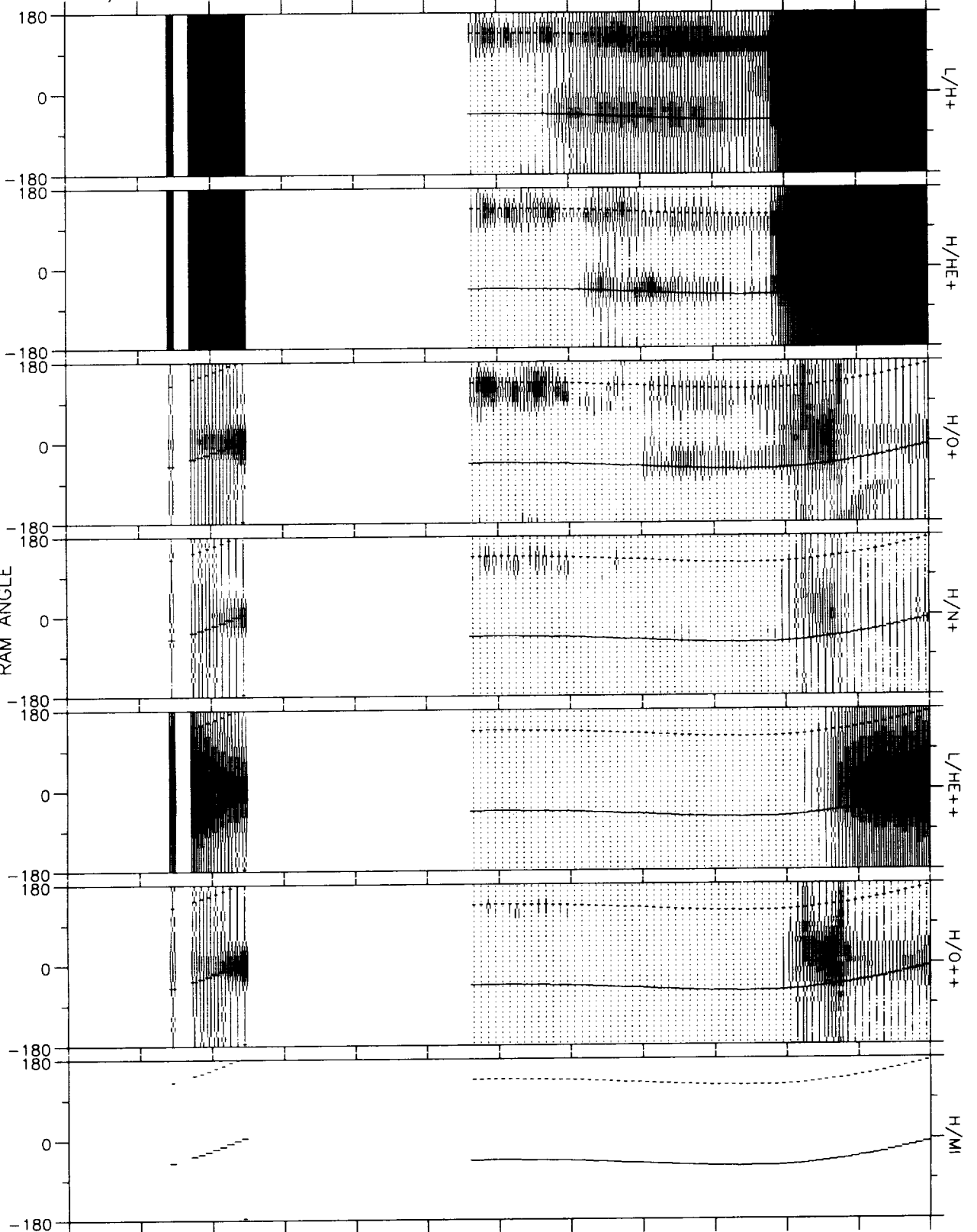
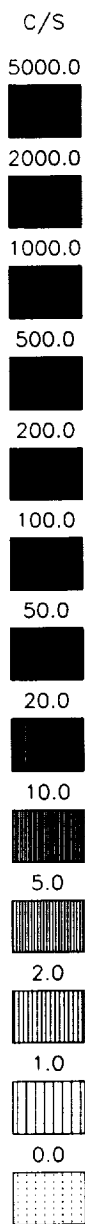
DE RIMS SPIN SUMMARY
SPIN/RADIAL ALL (V1.0)
Sat Oct 30 17:03:43 1993

82/277 04-OCT 2315:00 - 0715:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Sat Oct 30 17:06:23 1993

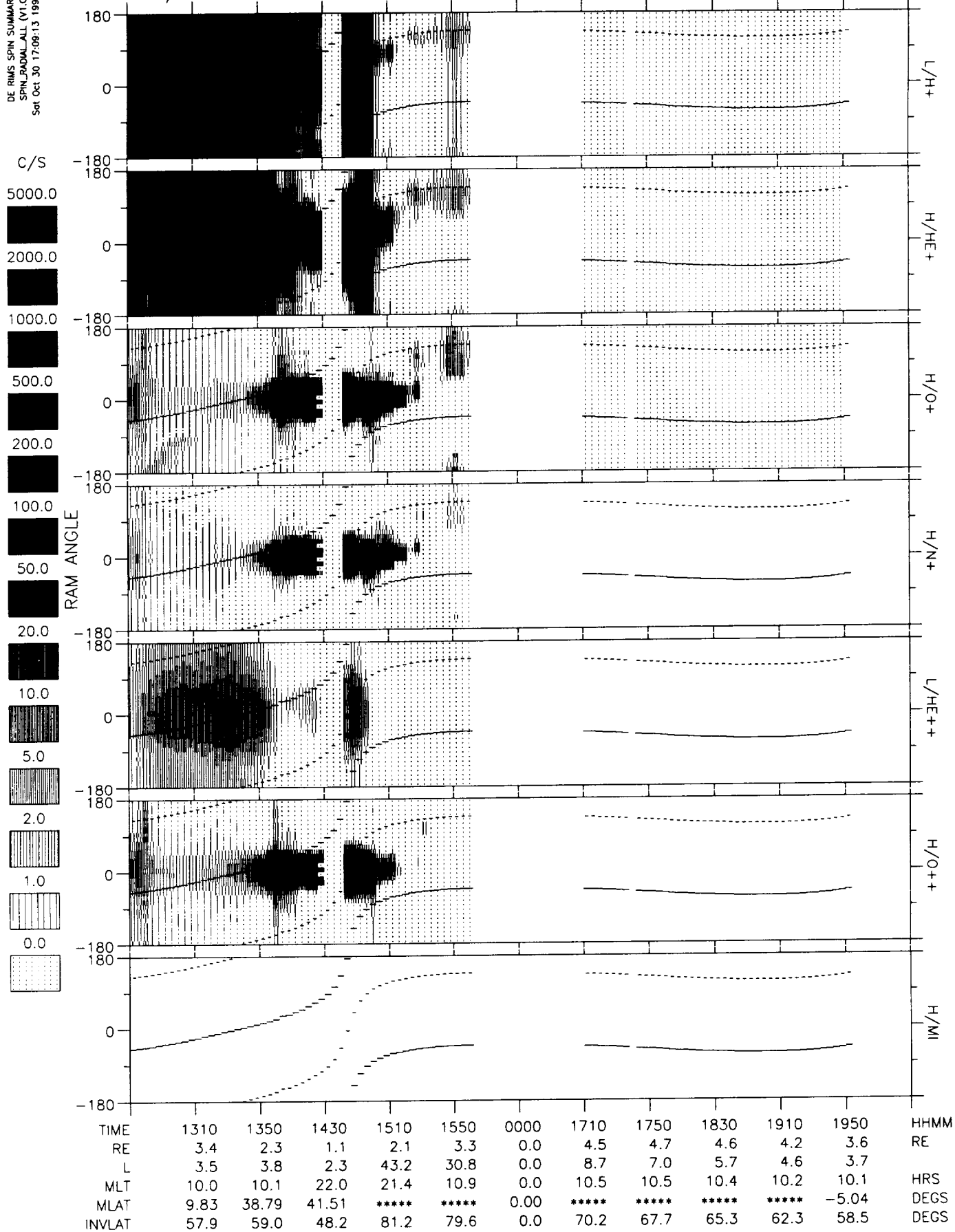
82/278 05-OCT 0530:00 - 1330:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0650	0000	0000	0000	0930	1010	1050	1130	1210	1250	HHMM
RE	0.0	2.6	0.0	0.0	0.0	3.9	4.4	4.6	4.6	4.3	3.8	RE
L	0.0	2.7	0.0	0.0	0.0	19.4	10.8	7.6	5.9	4.7	3.9	
MLT	0.0	10.3	0.0	0.0	0.0	8.5	9.2	9.5	9.8	9.9	10.0	HRS
MLAT	0.00	13.88	0.00	0.00	0.00	*****	*****	*****	*****	*****	0.69	DEGS
INVLAT	0.0	52.6	0.0	0.0	0.0	76.9	72.3	68.7	65.6	62.6	59.4	DEGS

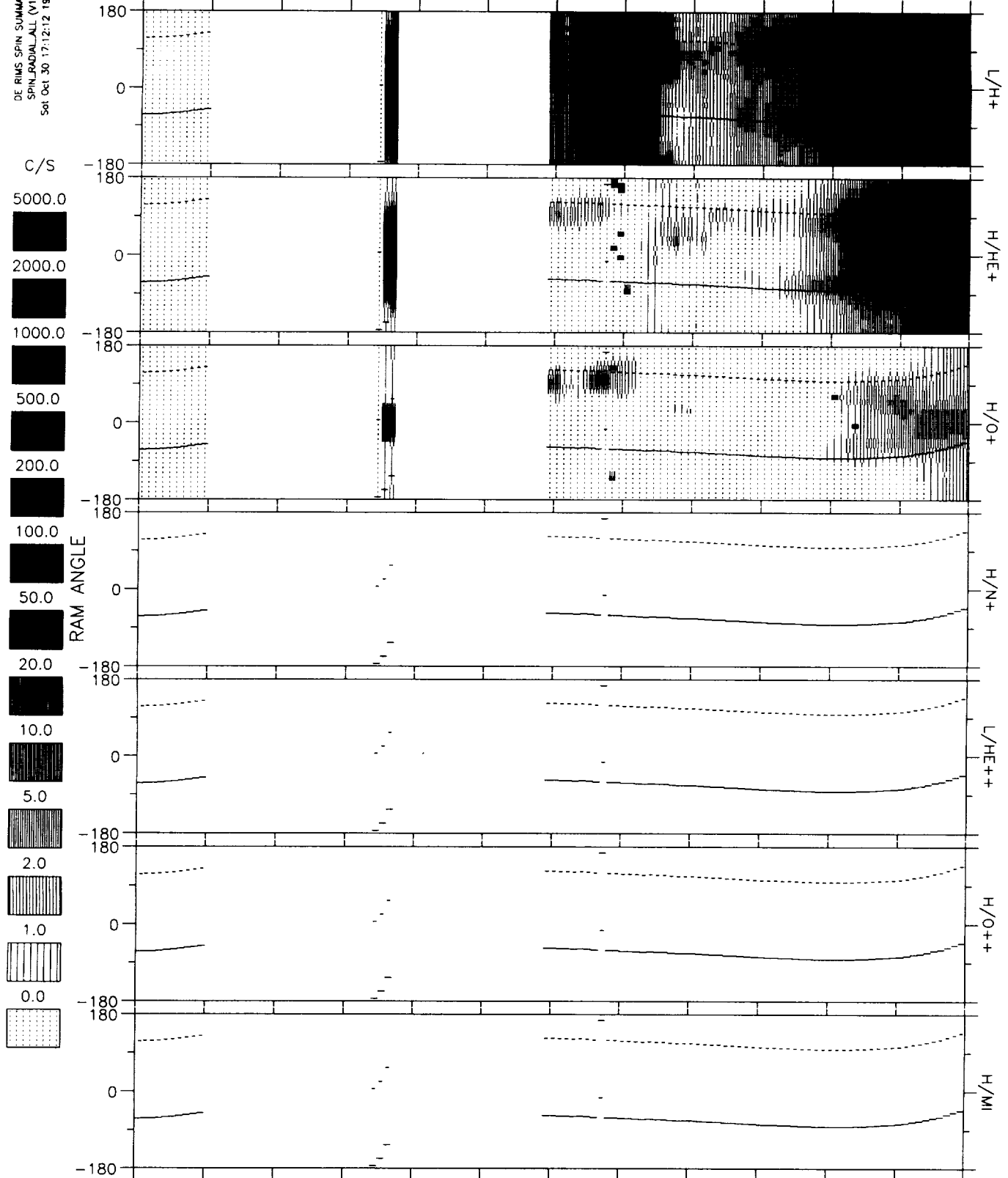
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Sat Oct 30 17:09:13 1993

82/278 05-OCT 1230:00 - 2030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL.ALL (V1.0)
Sat Oct 30 17:12:12 1993

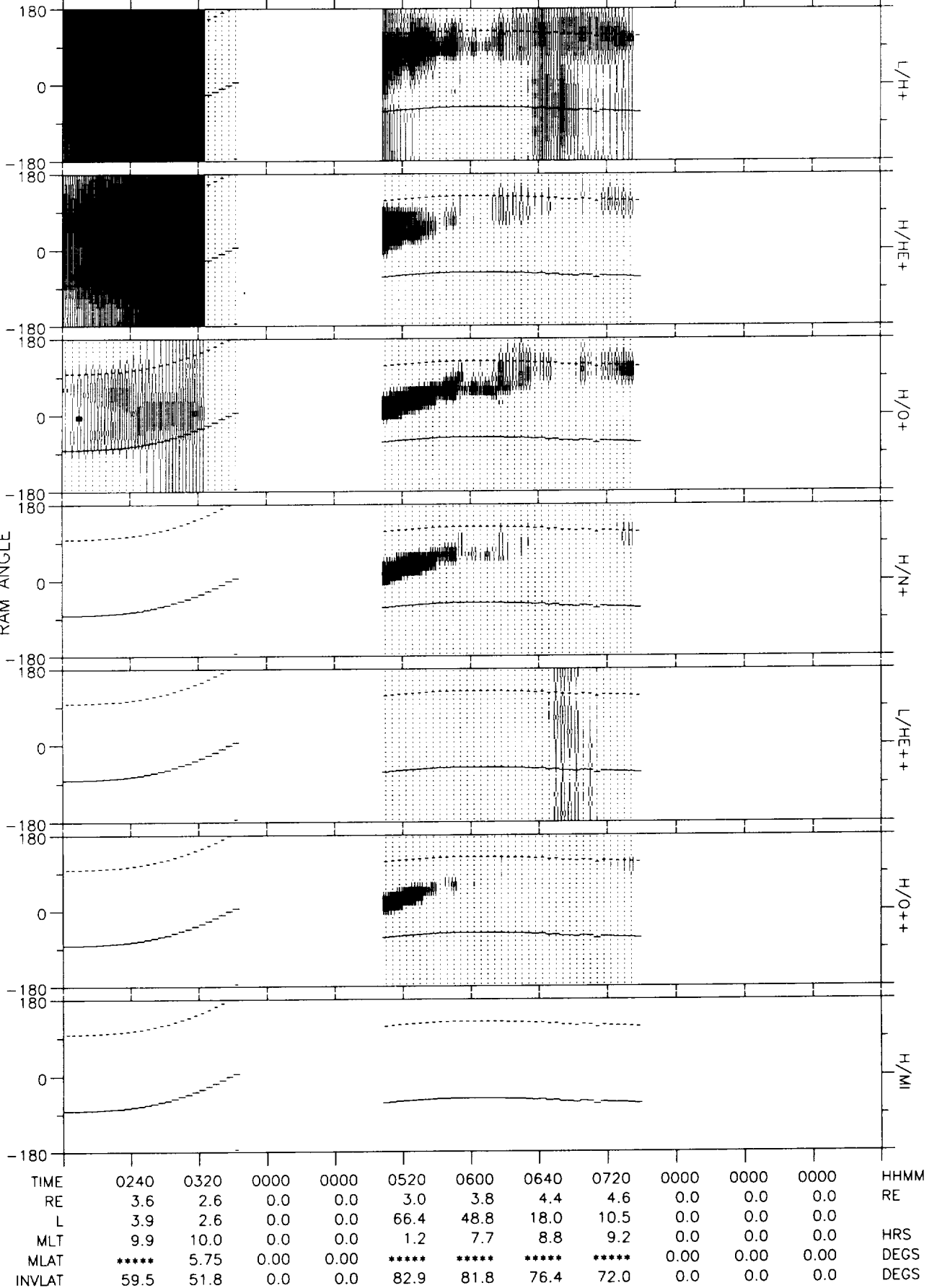
82/278 05-OCT 1915:00 - 0315:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0000	0000	2315	2355	0035	0115	0155	0235	HHMM
RE	0.0	0.0	0.0	0.0	0.0	3.9	4.4	4.6	4.6	4.3	3.7	RE
L	0.0	0.0	0.0	0.0	0.0	56.0	23.6	13.8	9.1	6.1	4.1	
MLT	0.0	0.0	0.0	0.0	0.0	11.9	10.8	10.3	10.1	9.9	9.9	HRS
MLAT	0.00	0.00	0.00	0.00	0.00	*****	*****	*****	*****	*****	*****	DEGS
INVLAT	0.0	0.0	0.0	0.0	0.0	82.3	78.1	74.4	70.6	66.2	60.4	DEGS

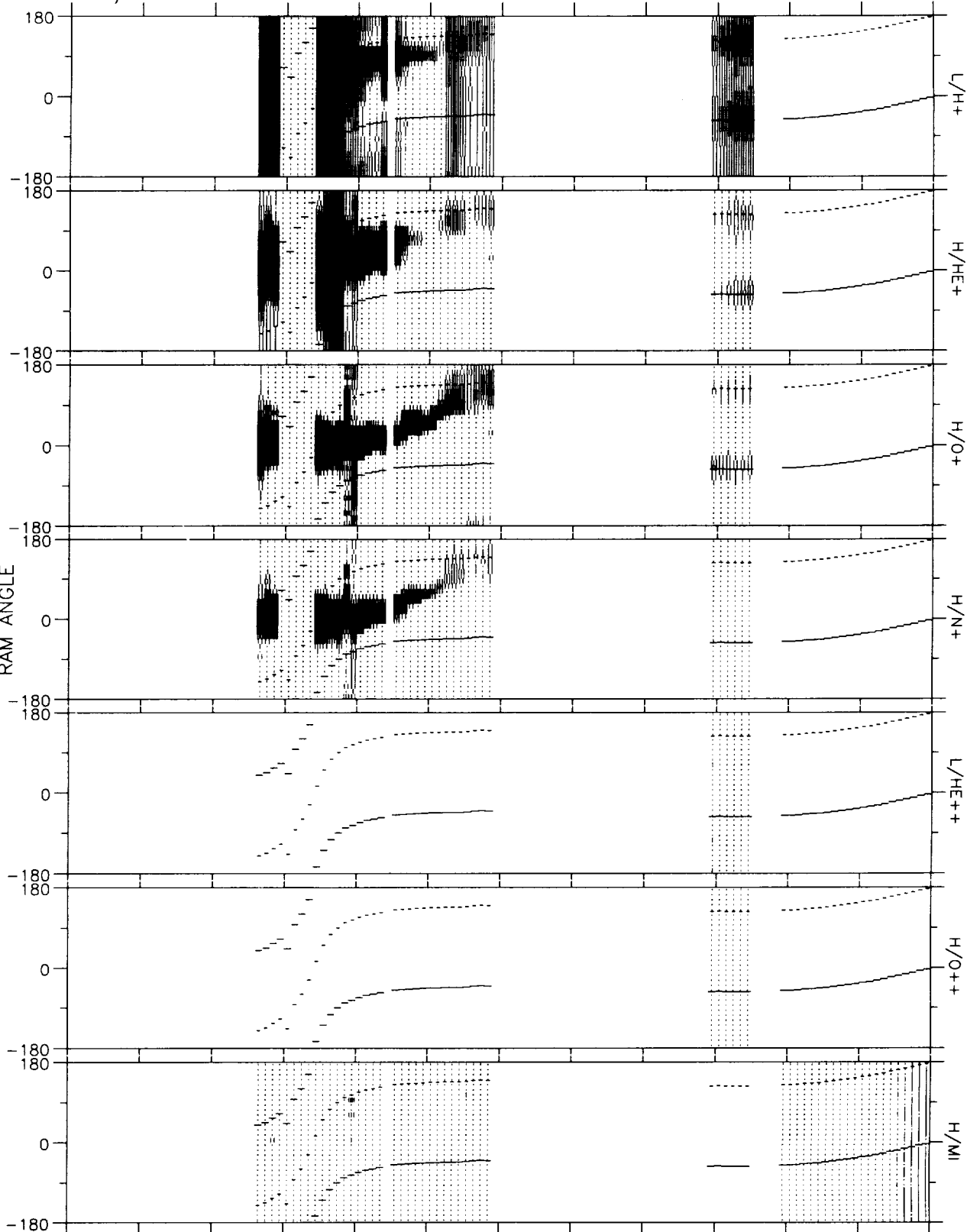
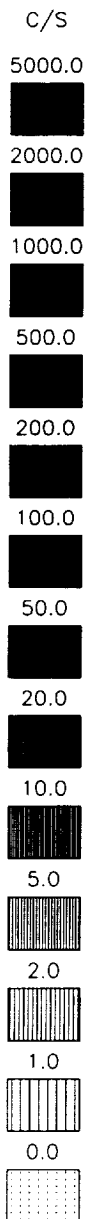
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Sat Oct 30 17:14:23 1993

82/279 06-OCT 0200:00 - 1000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Sat Oct 30 17:16:37 1993

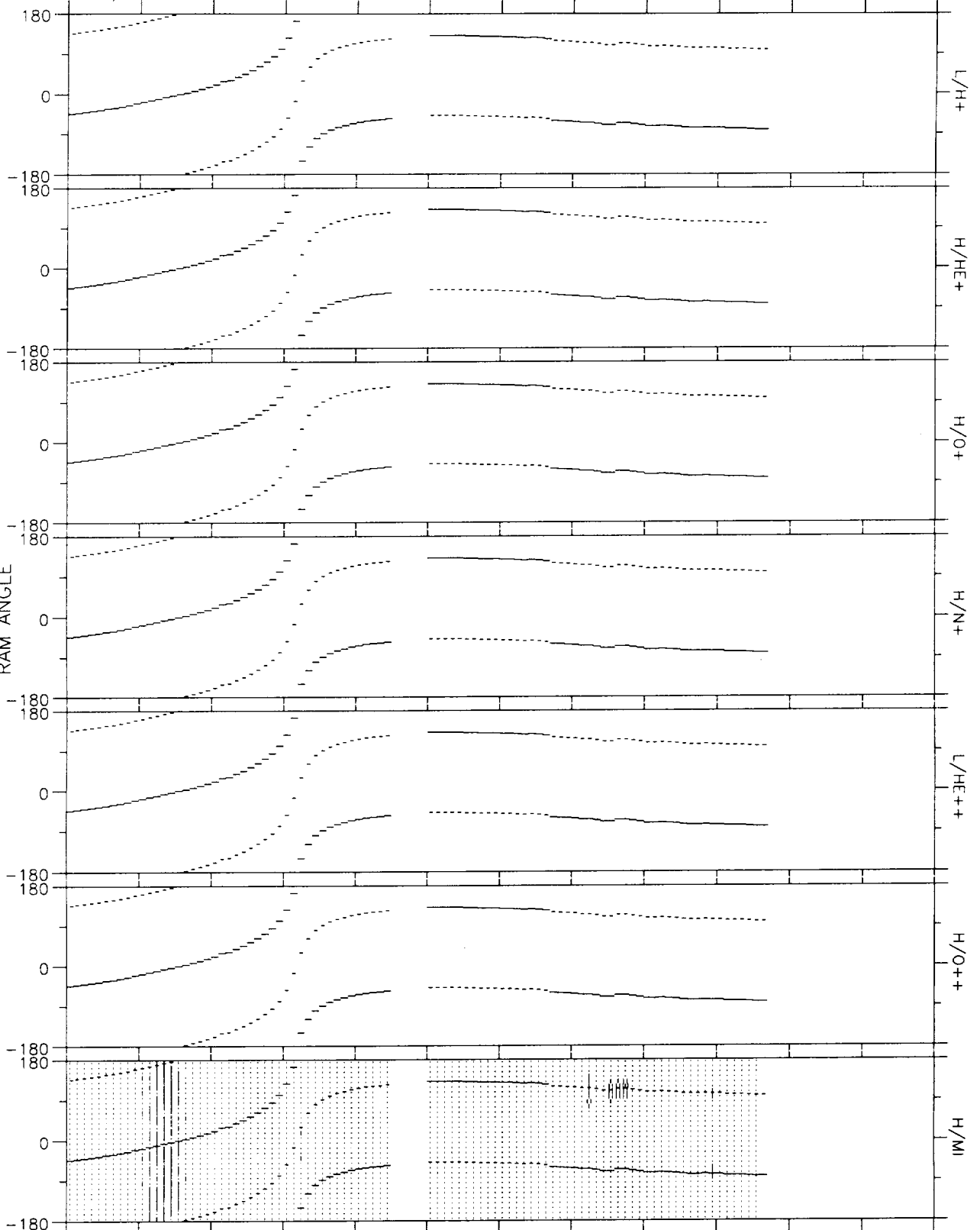
82/279 06-OCT 0900:00 - 1700:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	1100	1140	1220	0000	0000	0000	1500	1540	1620	HHMM
RE	0.0	0.0	1.1	2.1	3.2	0.0	0.0	0.0	4.6	4.3	3.6	RE
L	0.0	0.0	3.5	21.8	34.8	0.0	0.0	0.0	5.3	4.4	3.7	
MLT	0.0	0.0	21.1	23.4	8.7	0.0	0.0	0.0	10.0	10.0	9.9	HRS
MLAT	0.00	0.00	53.91	*****	*****	0.00	0.00	0.00	*****	*****	2.72	DEGS
INVLAT	0.0	0.0	57.6	77.6	80.2	0.0	0.0	0.0	64.3	61.7	58.6	DEGS

DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Sat Oct 30 17:18:24 1993

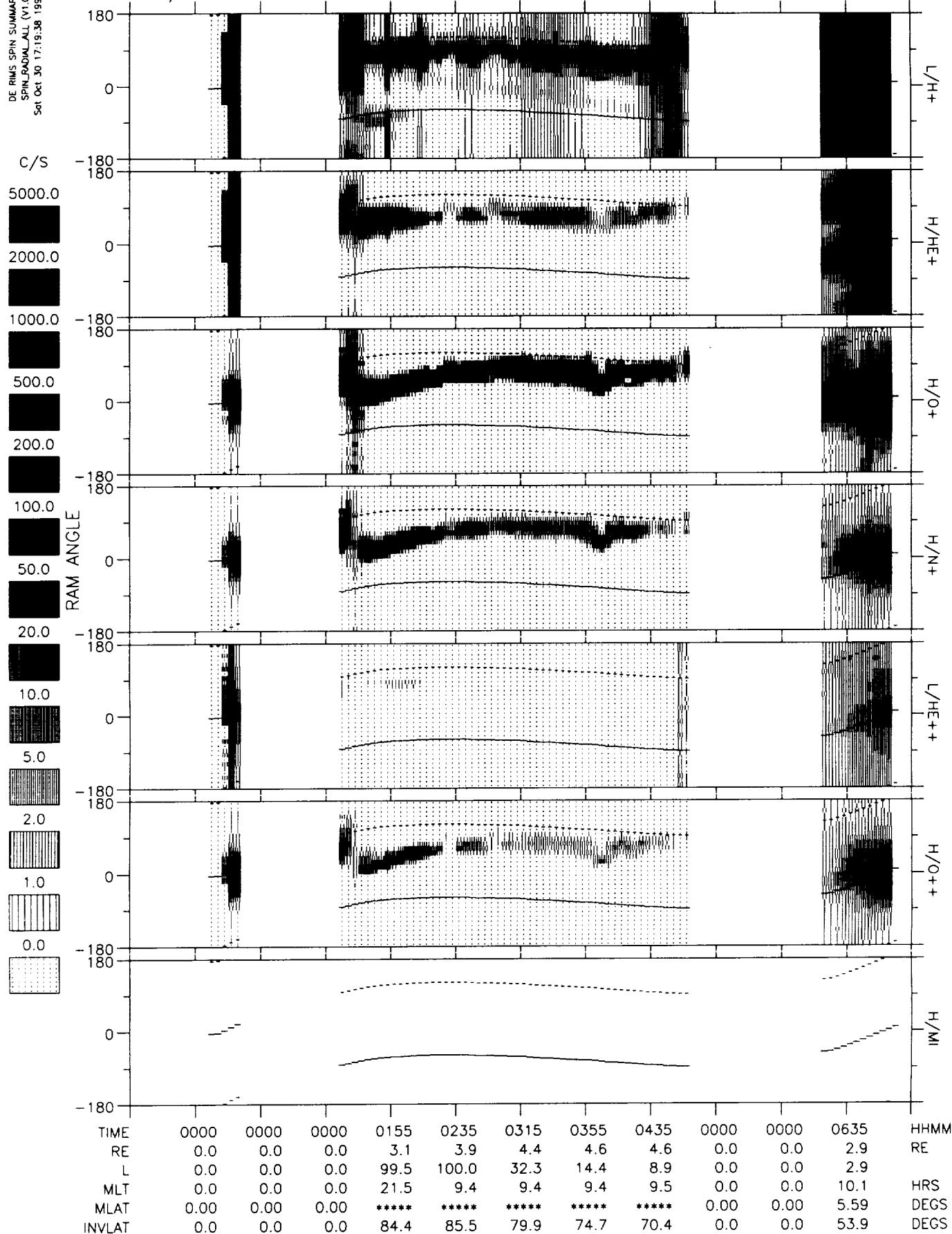
82/279 06-OCT 1600:00 - 0000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



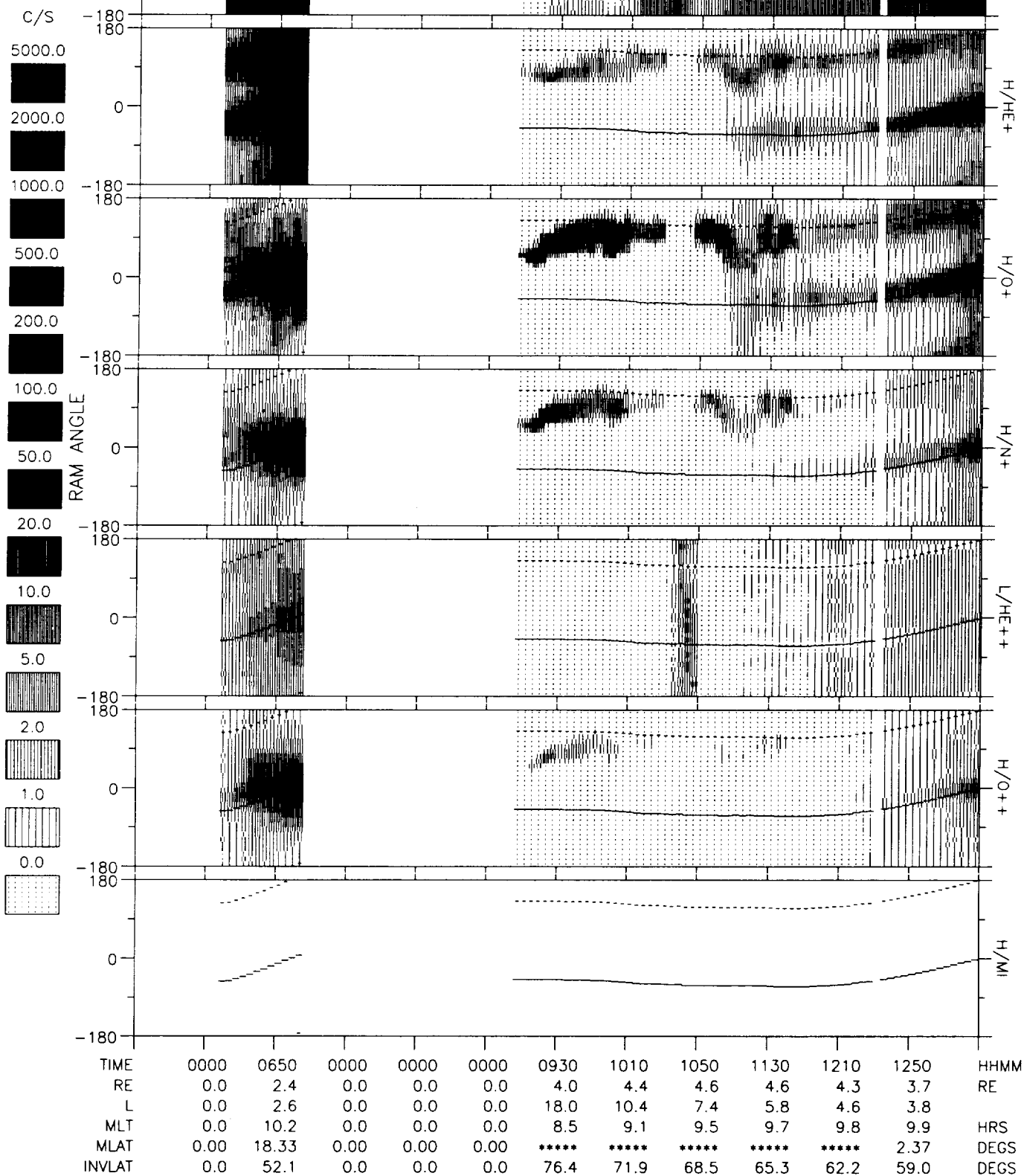
TIME	1640	1720	1800	1840	1920	2000	2040	2120	2200	0000	0000	HHMM
RE	3.2	2.1	1.1	2.4	3.4	4.1	4.5	4.7	4.5	0.0	0.0	RE
L	3.4	3.8	1.1	29.3	37.8	17.7	12.0	9.0	6.8	0.0	0.0	
MLT	9.9	9.5	22.1	19.2	12.6	11.3	10.9	10.6	10.3	0.0	0.0	HRS
MLAT	11.75	41.54	11.41	*****	*****	*****	*****	*****	*****	0.00	0.00	DEGS
INVLAT	57.0	58.9	18.8	79.3	80.6	76.3	73.2	70.5	67.5	0.0	0.0	DEGS

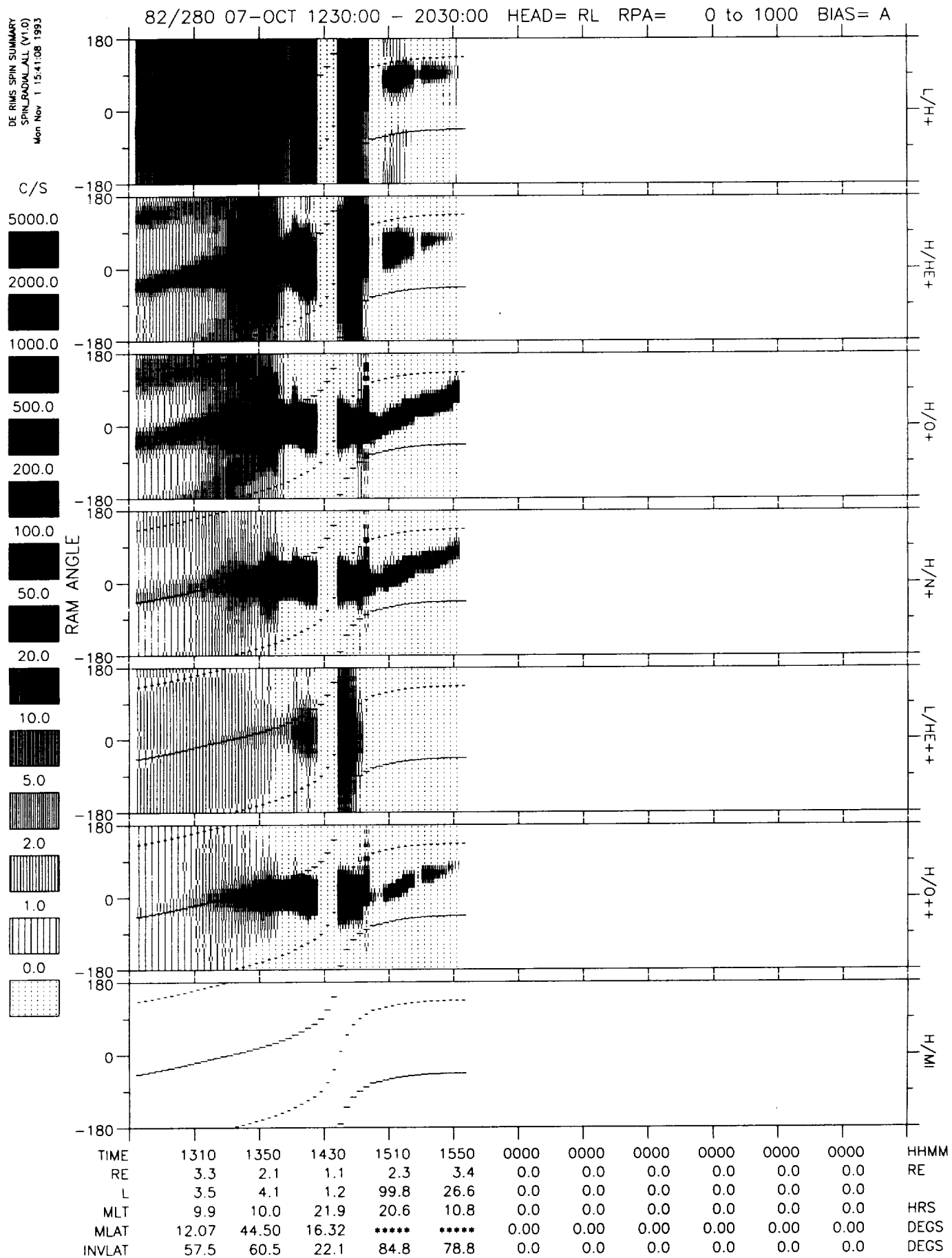
DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Sat Oct 30 17:19:38 1993

82/279 06-OCT 2315:00 - 0715:00 HEAD= RL RPA= 0 to 1000 BIAS= A



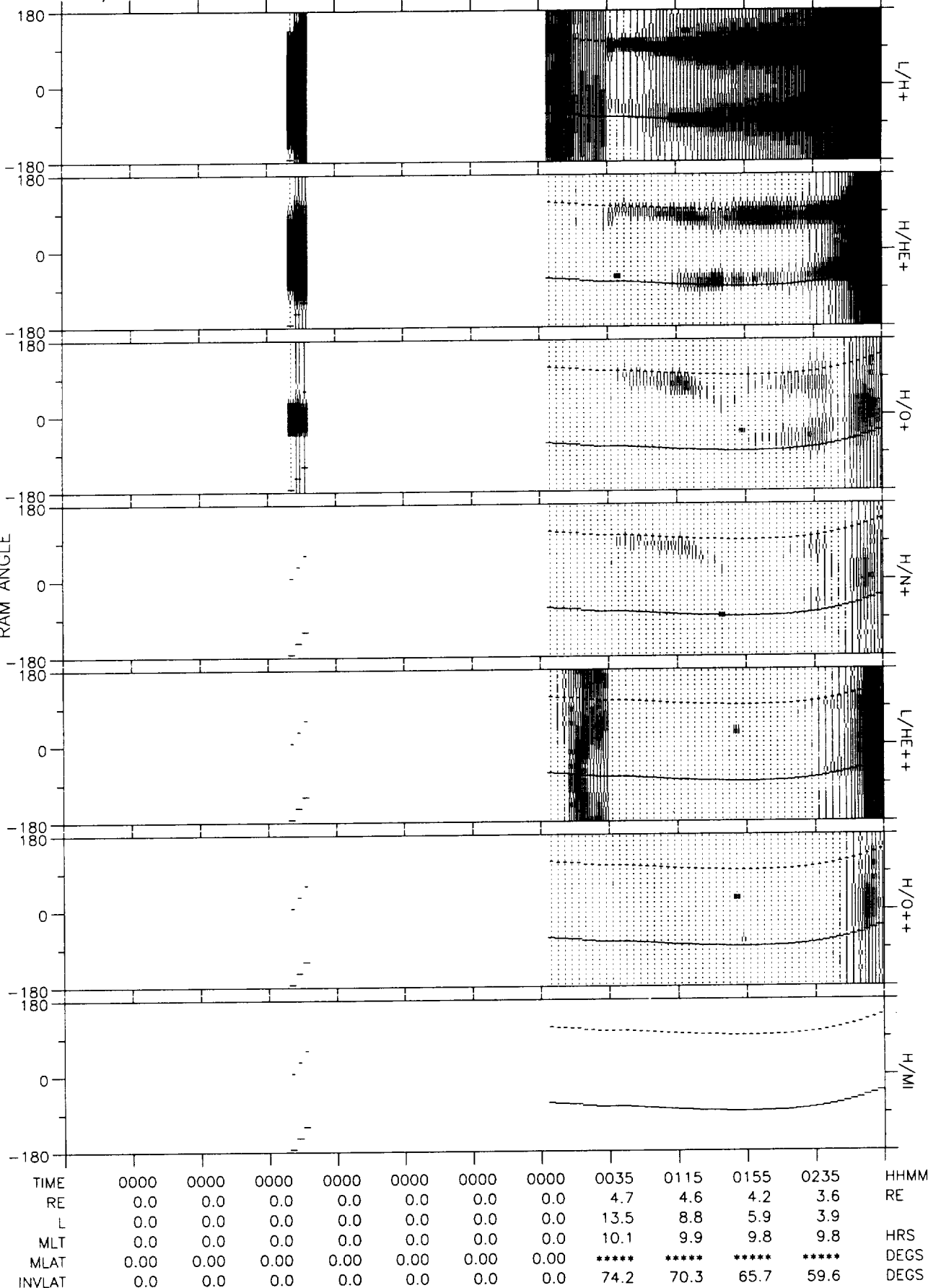
82/280 07-OCT 0530:00 - 1330:00 HEAD= RL RPA= 0 to 1000 BIAS= A





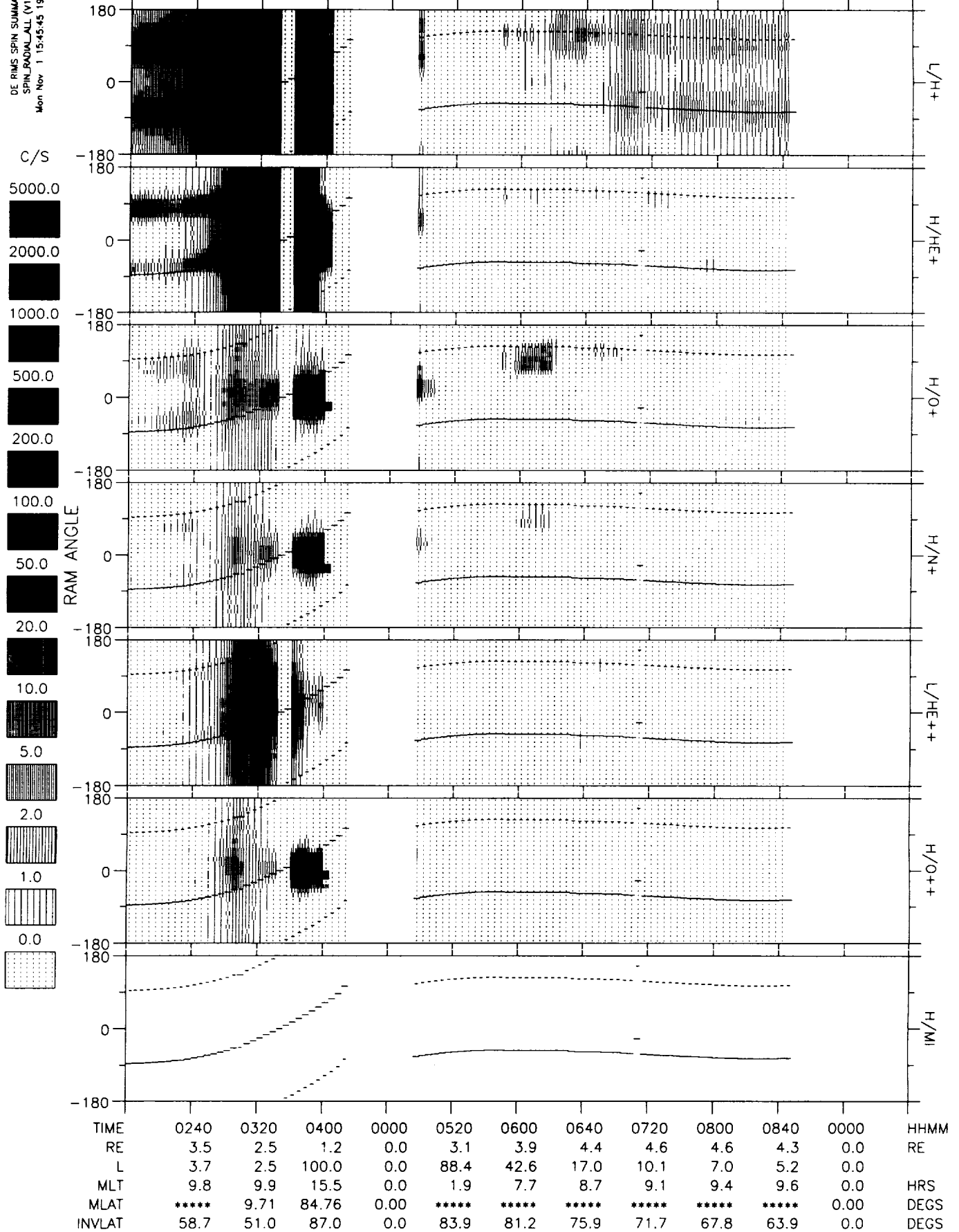
DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Mon Nov 1 15:43:36 1993

82/280 07-OCT 1915:00 - 0315:00 HEAD= RL RPA= 0 to 1000 BIAS= A



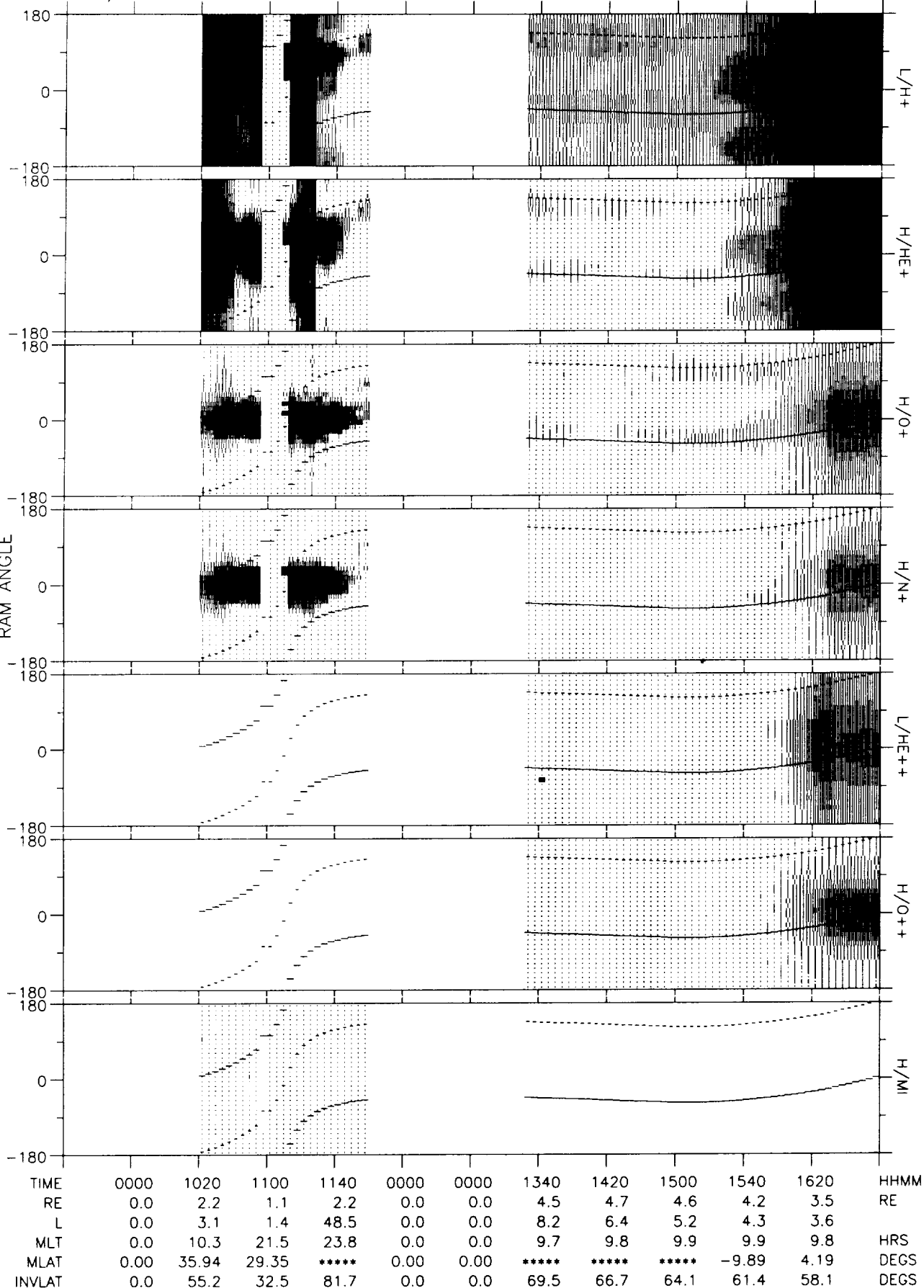
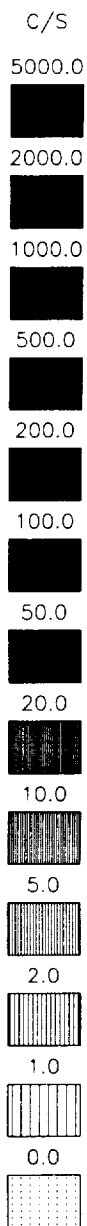
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Mon Nov 1 15:45:45 1993

82/281 08-OCT 0200:00 - 1000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



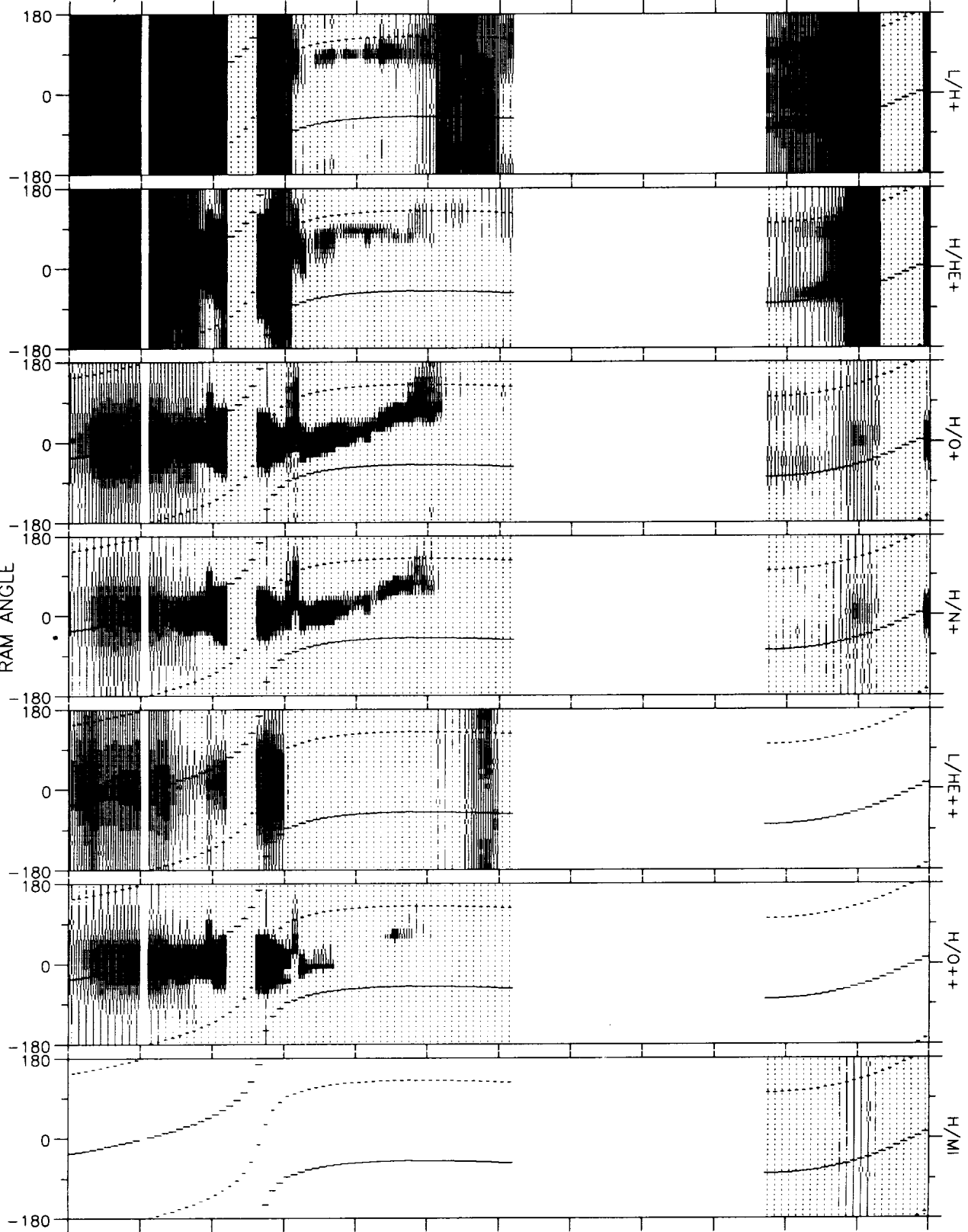
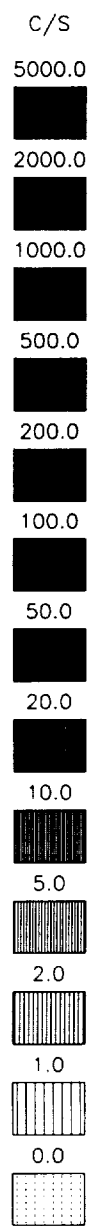
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Nov 4 12:07:56 1993

82/281 08-OCT 0900:00 - 1700:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Nov 4 12:10:37 1993

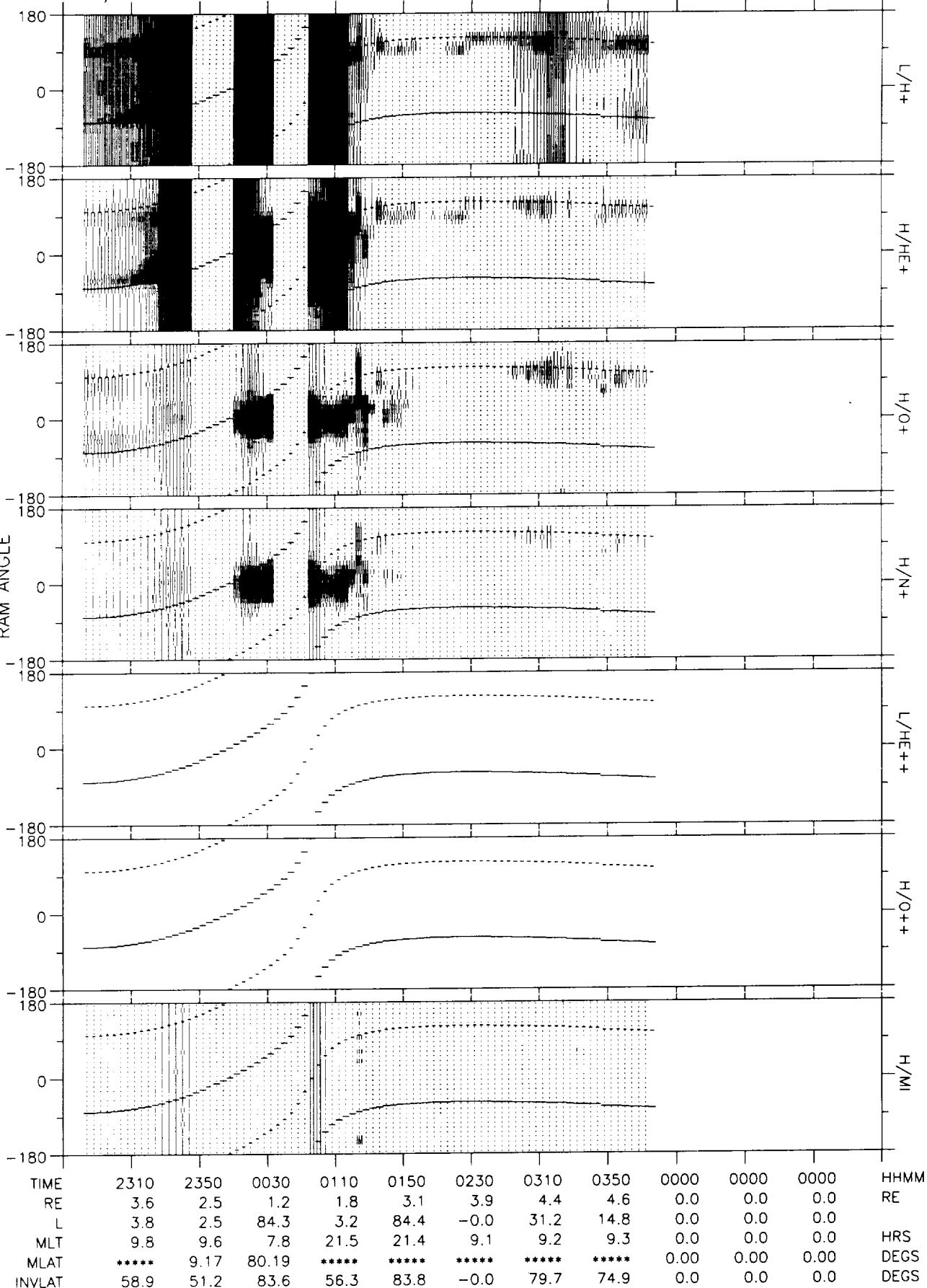
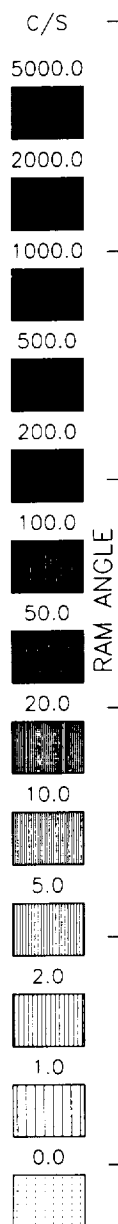
82/281 08-OCT 1615:00 - 0015:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	1735	1815	1855	1935	2015	0000	0000	0000	2255	2335	HHMM
RE	0.0	1.4	1.7	3.0	3.8	4.4	0.0	0.0	0.0	3.8	3.0	RE
L	0.0	57.0	4.3	67.1	25.1	14.8	0.0	0.0	0.0	4.3	2.9	
MLT	0.0	5.9	21.0	14.9	11.7	11.0	0.0	0.0	0.0	9.9	9.7	HRS
MLAT	0.00	79.70	*****	*****	*****	*****	0.00	0.00	0.00	*****	-1.47	DEGS
INVLAT	0.0	82.4	61.2	83.0	78.5	74.9	0.0	0.0	0.0	61.1	54.0	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Nov 4 12:13:39 1993

82/281 08-OCT 2230:00 - 0630:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Thu Nov 4 12:16:00 1993

82/282 09-OCT 0530:00 - 1330:00 HEAD= RL RPA= 0 to 1000 BIAS= A

C/S

5000.0

2000.0

1000.0

500.0

200.0

100.0

50.0

20.0

10.0

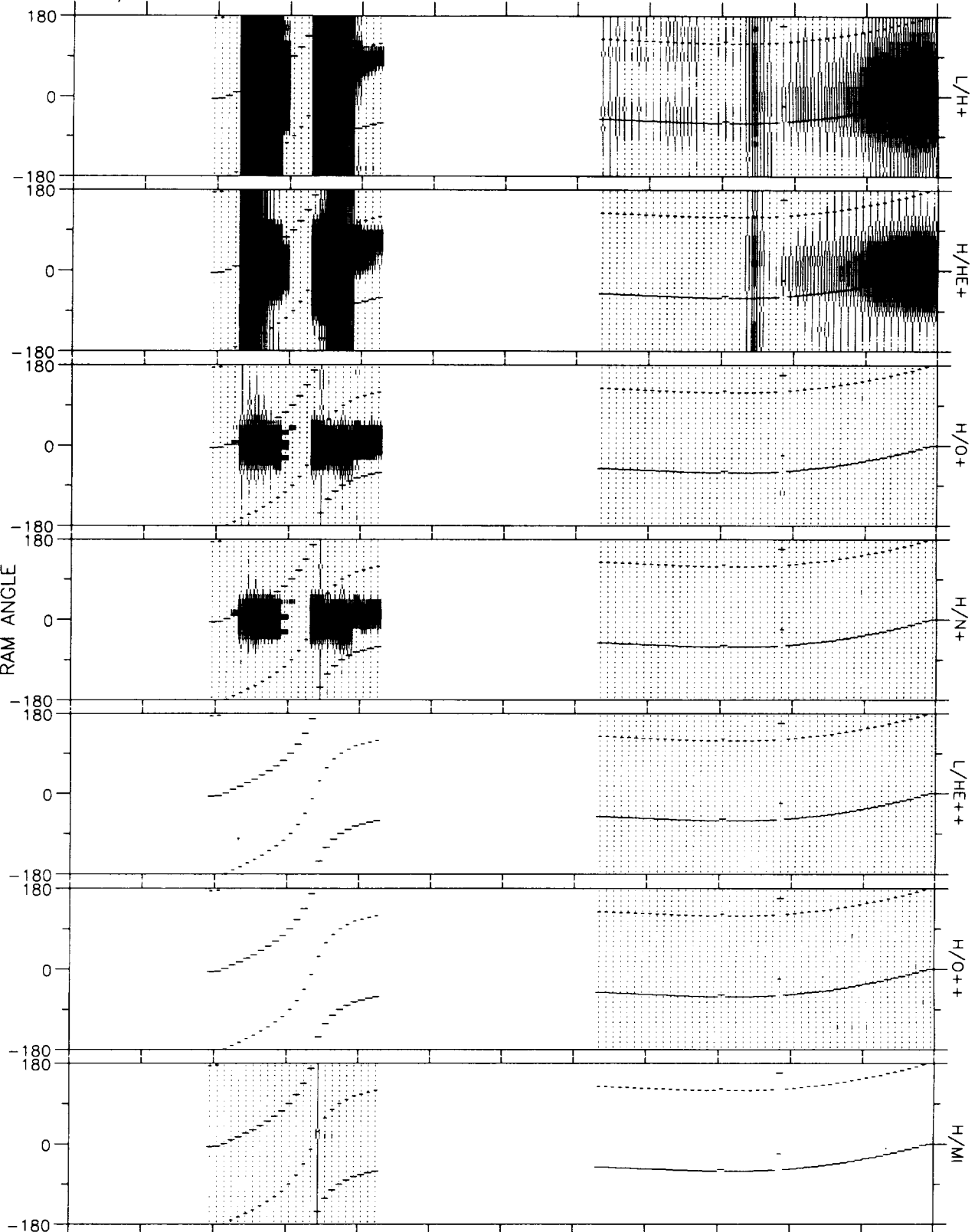
5.0

2.0

1.0

0.0

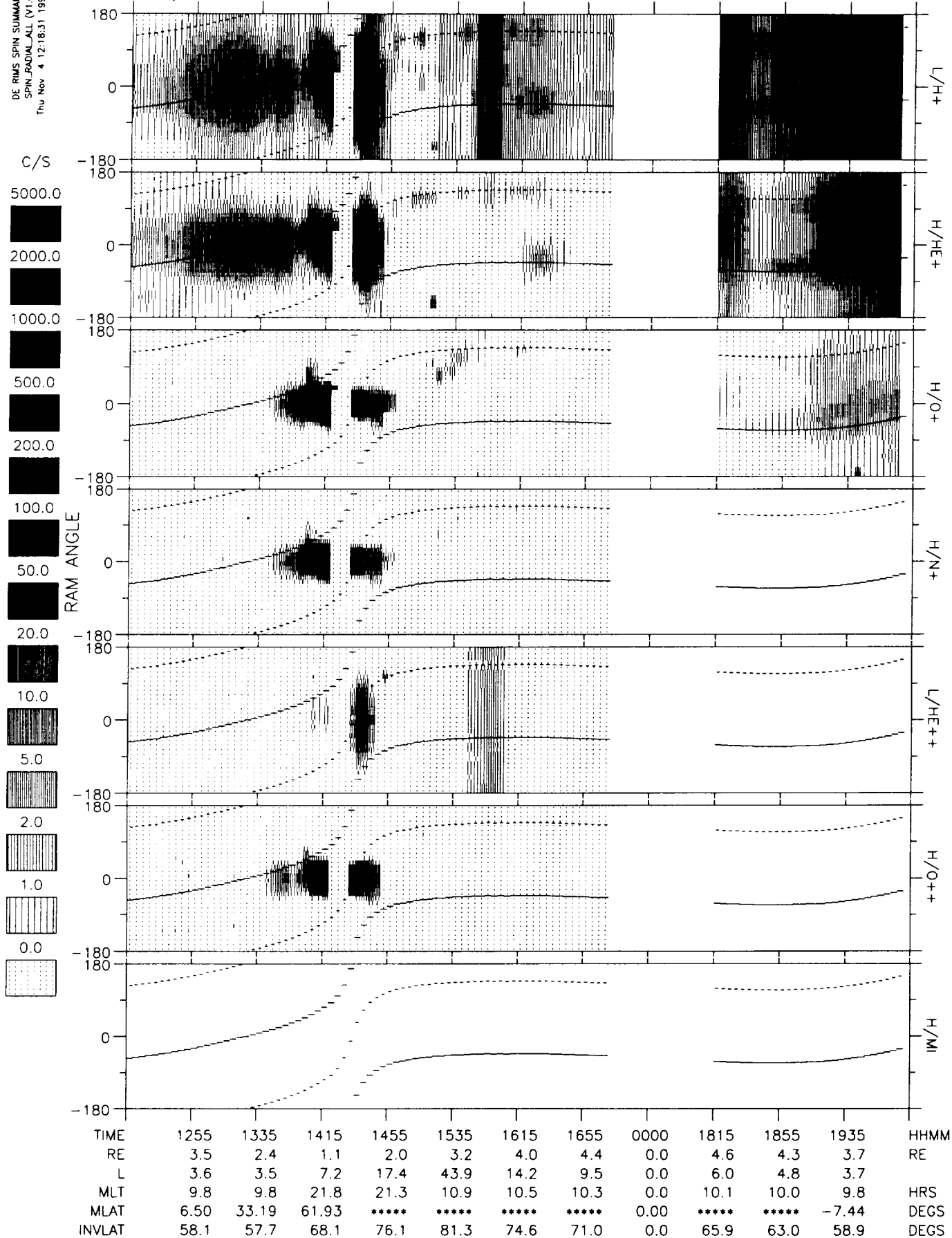
RAM ANGLE



TIME	0000	0650	0730	0810	0000	0000	0000	1050	1130	1210	1250	HHMM
RE	0.0	2.2	1.1	2.2	0.0	0.0	0.0	4.7	4.6	4.2	3.6	RE
L	0.0	2.6	2.3	11.5	0.0	0.0	0.0	7.2	5.6	4.5	3.7	
MLT	0.0	10.2	21.0	23.5	0.0	0.0	0.0	9.4	9.6	9.7	9.8	HRS
MLAT	0.00	23.48	47.98	*****	0.00	0.00	0.00	*****	*****	*****	4.12	DEGS
INVLAT	0.0	51.9	49.2	72.9	0.0	0.0	0.0	68.2	65.0	61.9	58.5	DEGS

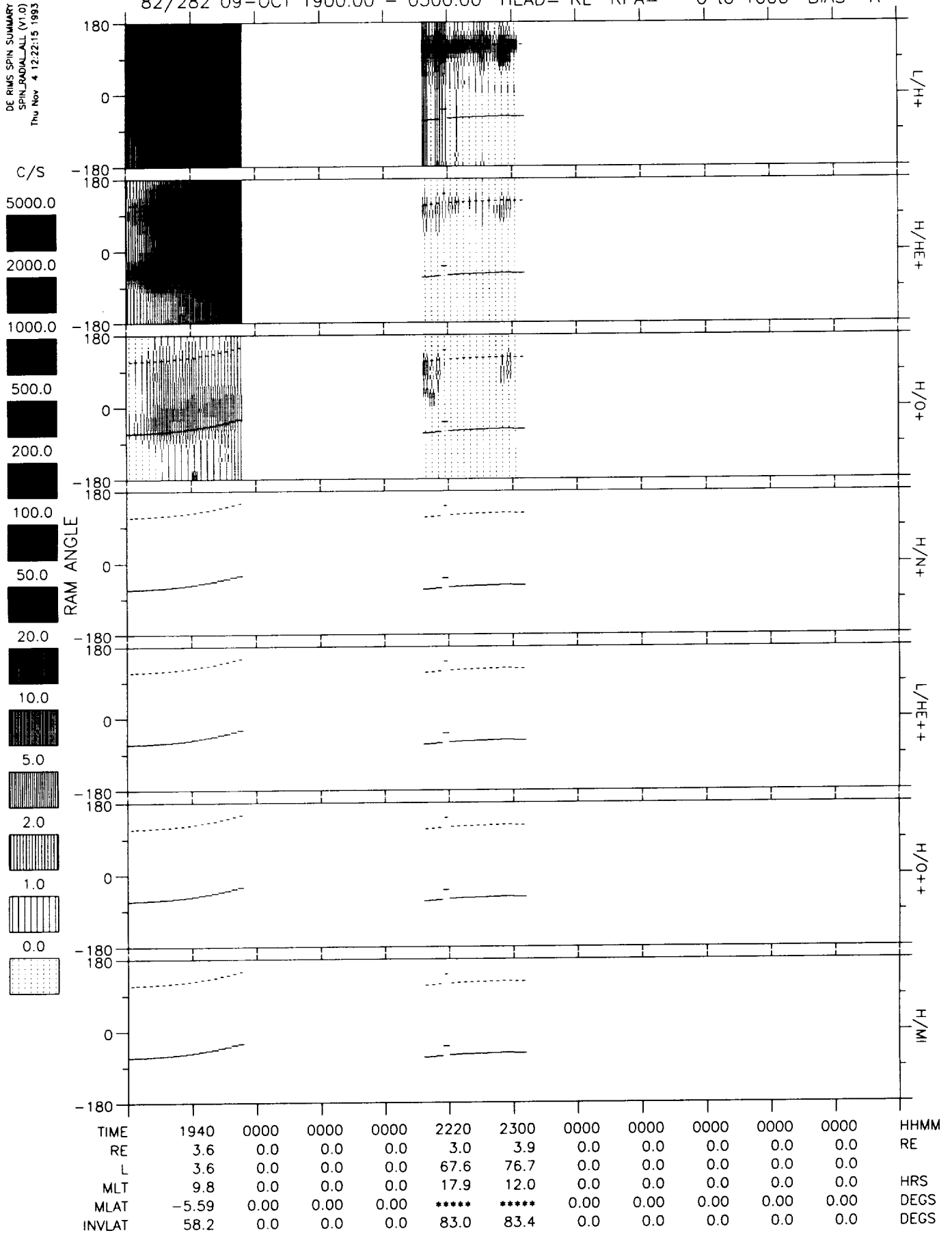
DE RIMS SPIN SUMMARY
SPIN_RADIAL.ALL (V1.0)
Thu Nov 4 12:18:31 1993

82/282 09-OCT 1215:00 - 2015:00 HEAD= RL RPA= 0 to 1000 BIAS= A



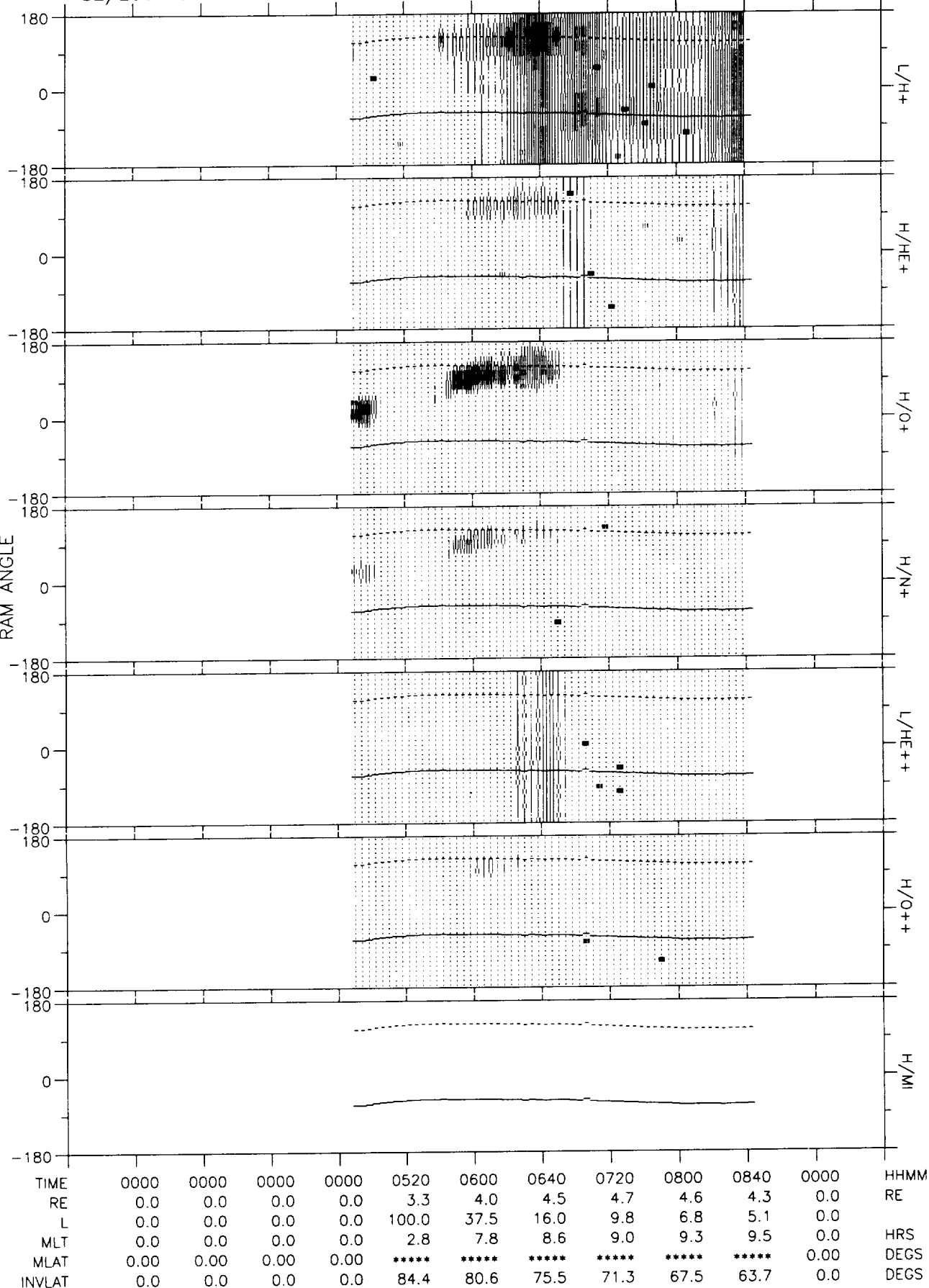
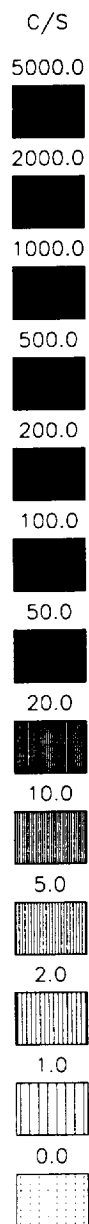
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Thu Nov 4 12:22:15 1993

82/282 09-OCT 1900:00 - 0300:00 HEAD= RL RPA= 0 to 1000 BIAS= A



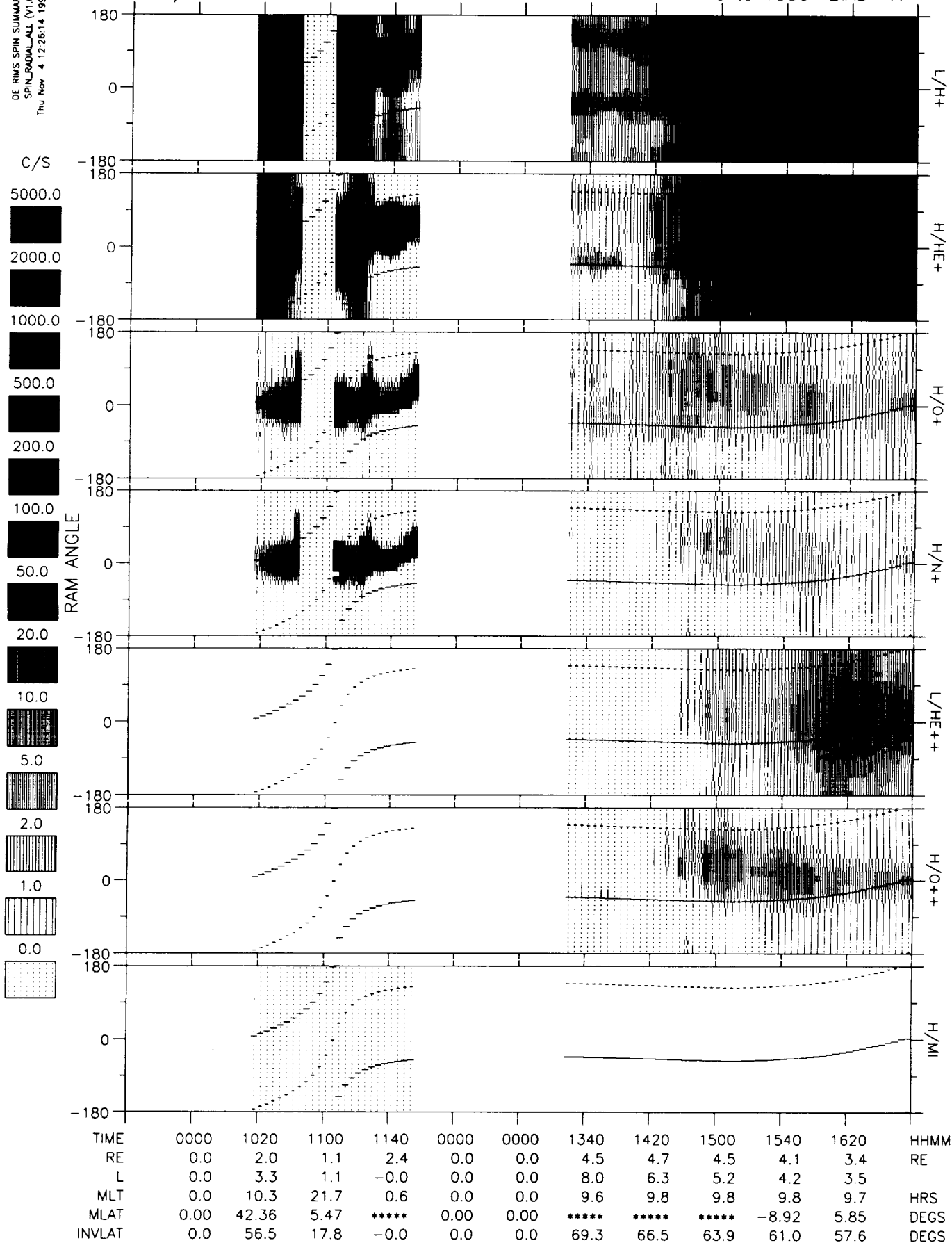
DE RIMS SPIN SUMMARY
SPIN_RADIAL.ALL (V1.0)
Thu Nov 4 12:24:21 1993

82/283 10-OCT 0200:00 - 1000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



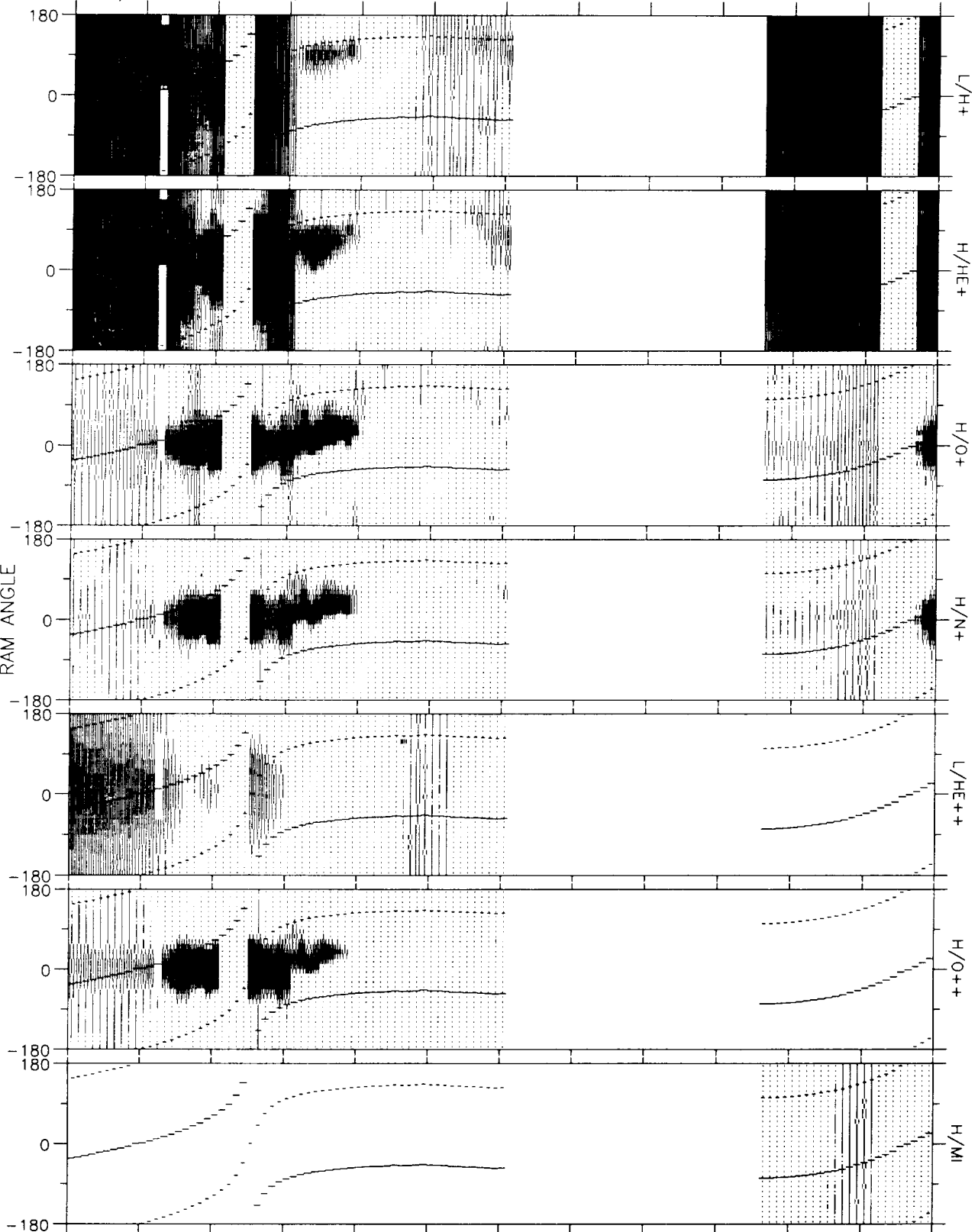
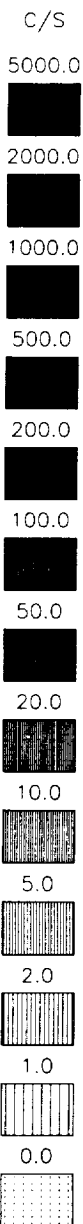
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Nov 4 12:26:14 1993

82/283 10-OCT 0900:00 - 1700:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Thu Nov 4 12:30:11 1993

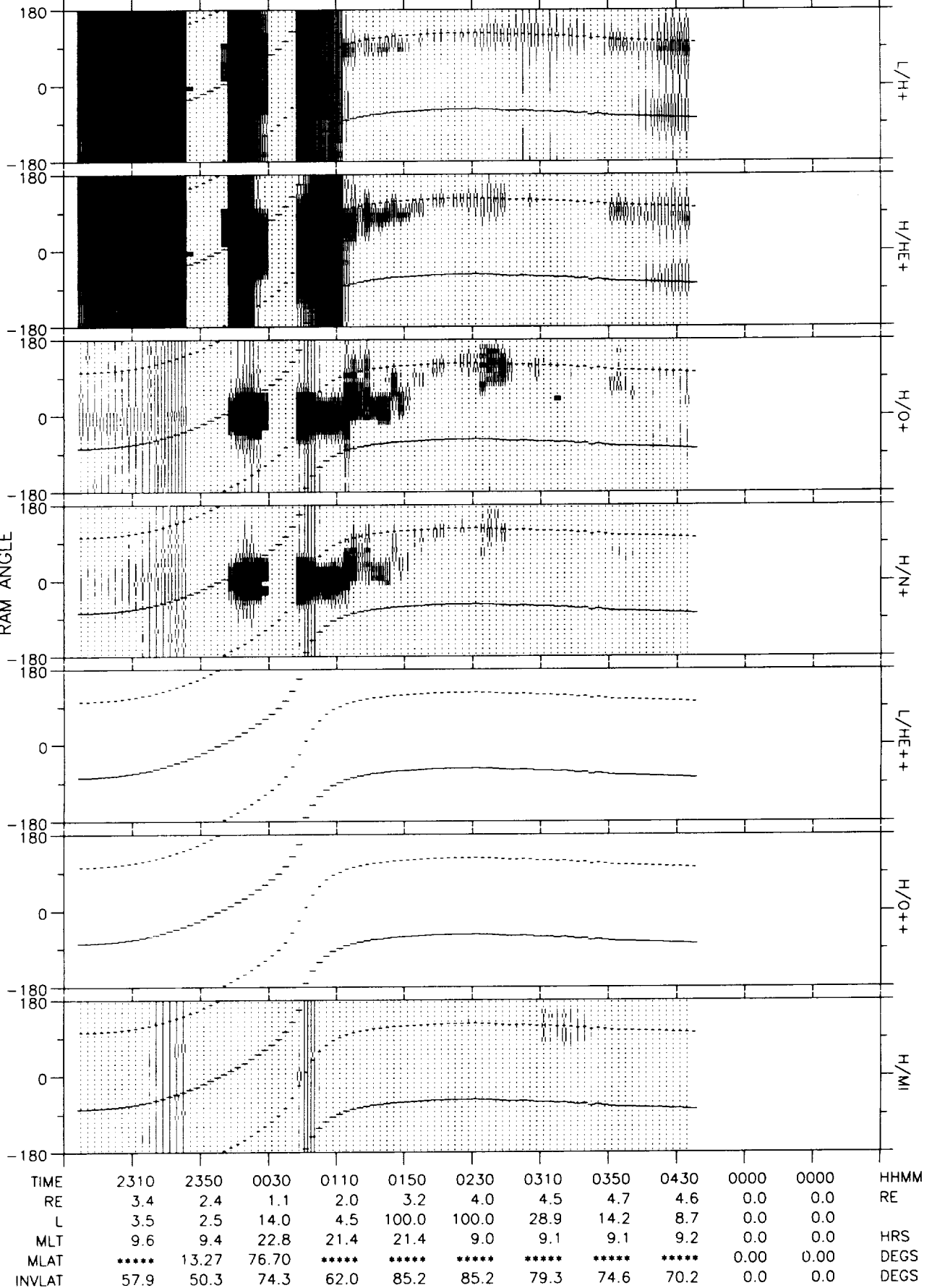
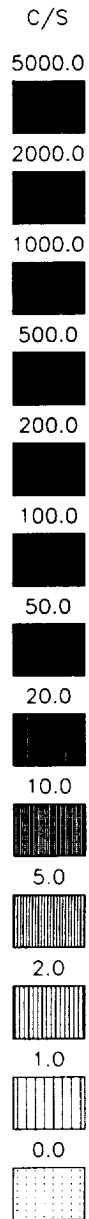
82/283 10-OCT 1615:00 - 0015:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1655	1735	1815	1855	1935	2015	0000	0000	0000	2255	2335	HHMM
RE	2.5	1.2	1.9	3.1	3.9	4.4	0.0	0.0	0.0	3.7	2.8	RE
L	3.2	27.7	6.8	63.3	24.1	15.0	0.0	0.0	0.0	4.1	2.8	
MLT	9.4	0.2	20.6	14.1	11.5	10.8	0.0	0.0	0.0	9.7	9.5	HRS
MLAT	27.15	74.94	*****	*****	*****	*****	0.00	0.00	0.00	*****	1.21	DEGS
INVLAT	55.8	78.9	67.5	82.8	78.3	75.0	0.0	0.0	0.0	60.4	52.9	DEGS

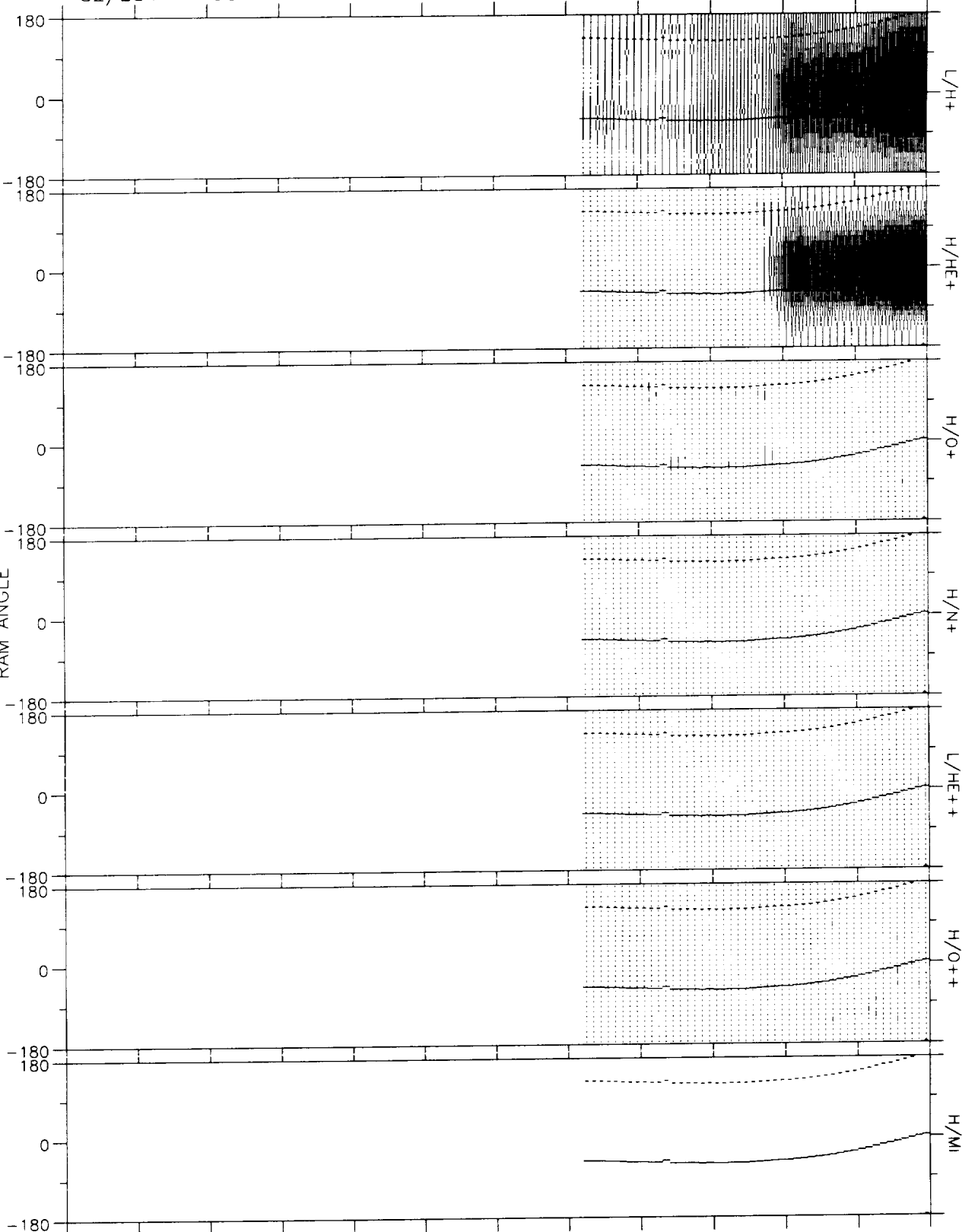
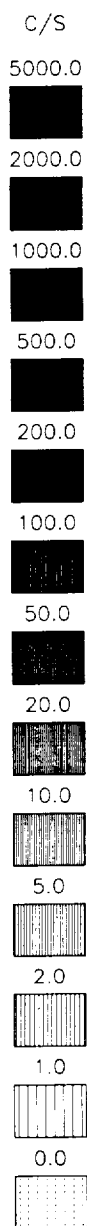
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Nov 4 12:34:33 1993

82/283 10-OCT 2230:00 - 0630:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Thu Nov 4 12:40:46 1993

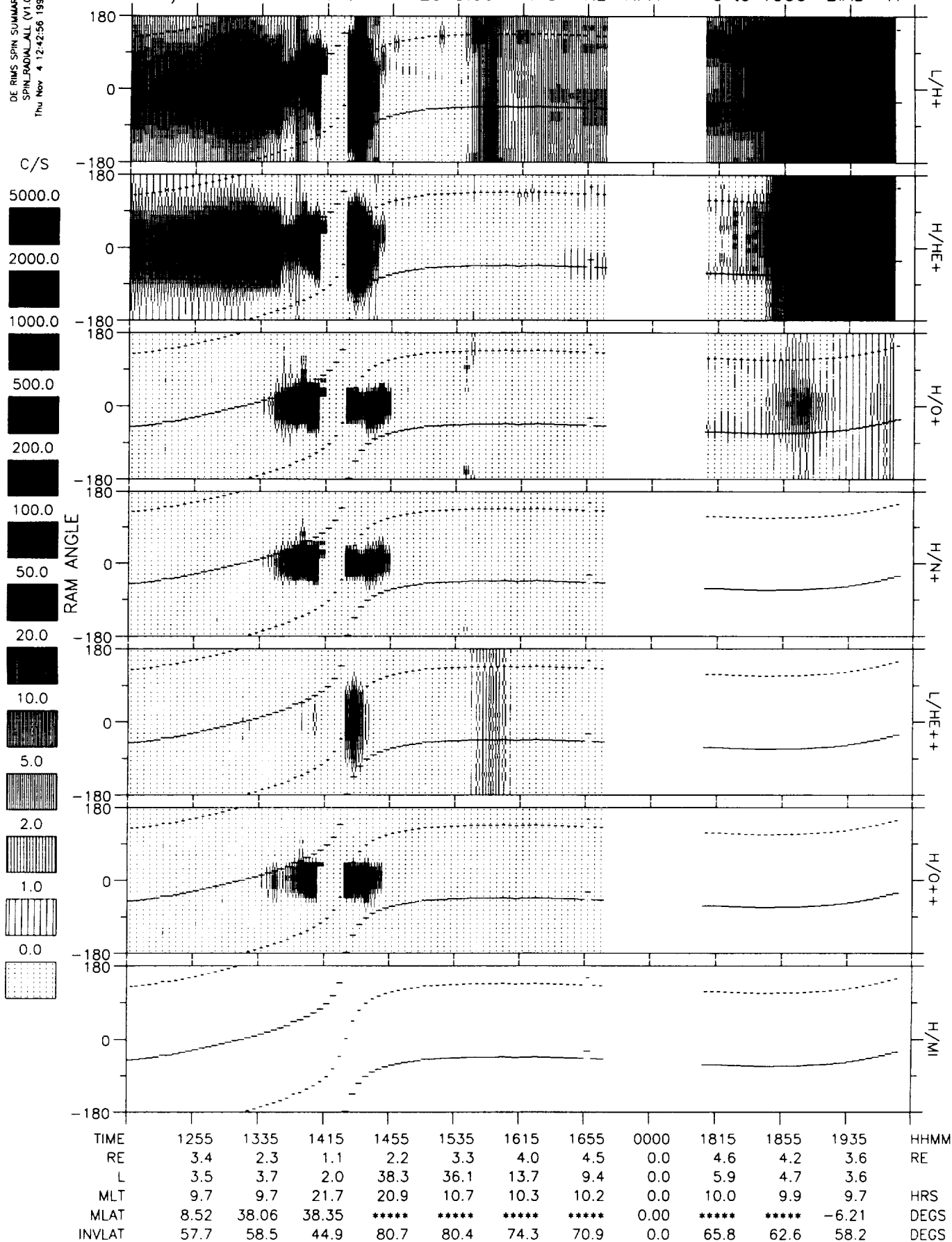
82/284 11-OCT 0530:00 - 1330:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0000	0000	0000	0000	1050	1130	1210	1250	HHMM
RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	4.5	4.2	3.5	RE
L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	5.5	4.4	3.6	
MLT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	9.5	9.6	9.7	HRS
MLAT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*****	*****	*****	6.06	DEGS
INVLAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.9	64.7	61.5	58.1	DEGS

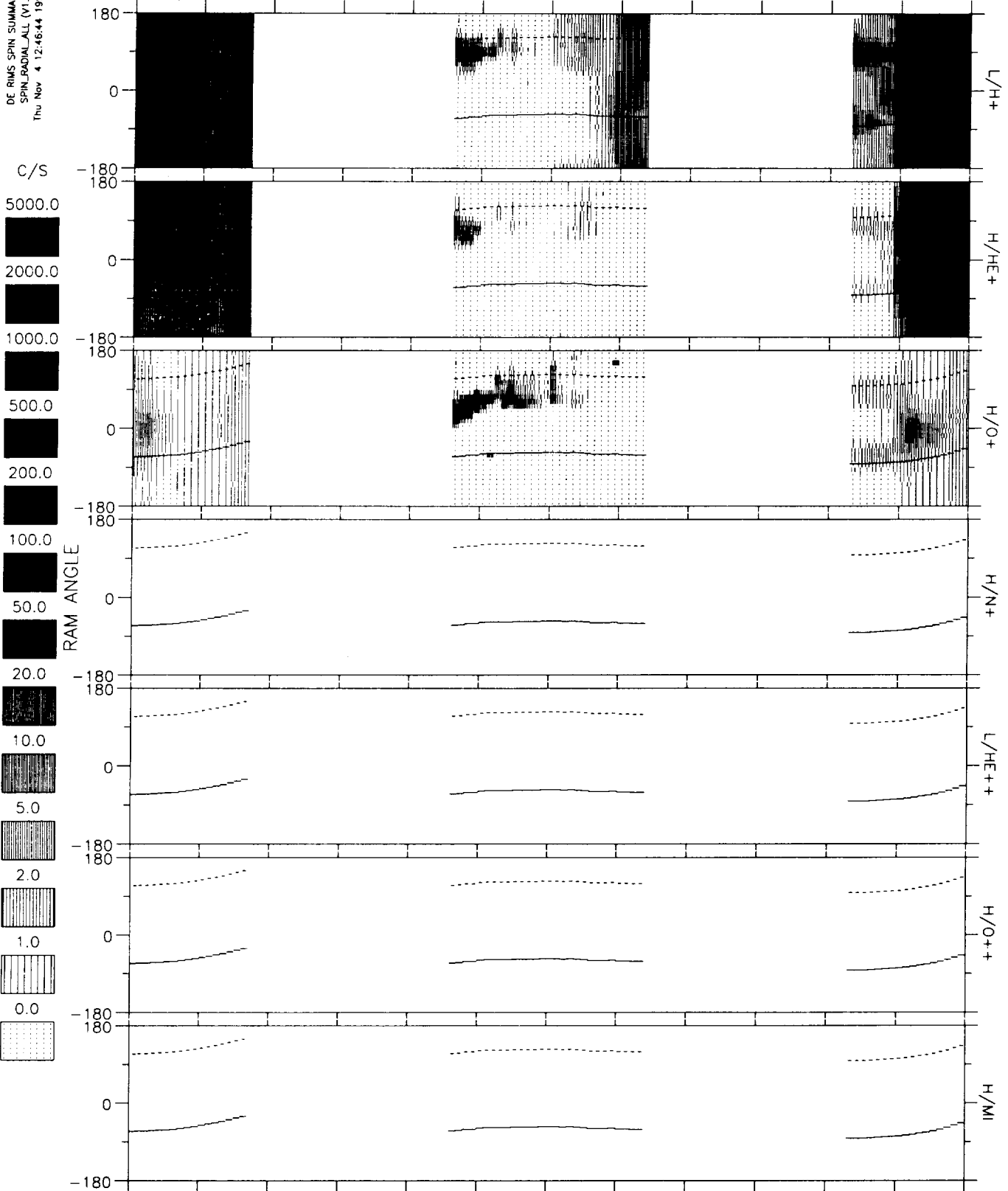
DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Thu Nov 4 12:42:56 1993

82/284 11-OCT 1215:00 - 2015:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN/RADIAL ALL (V1.0)
Thu Nov 4 12:48:44 1993

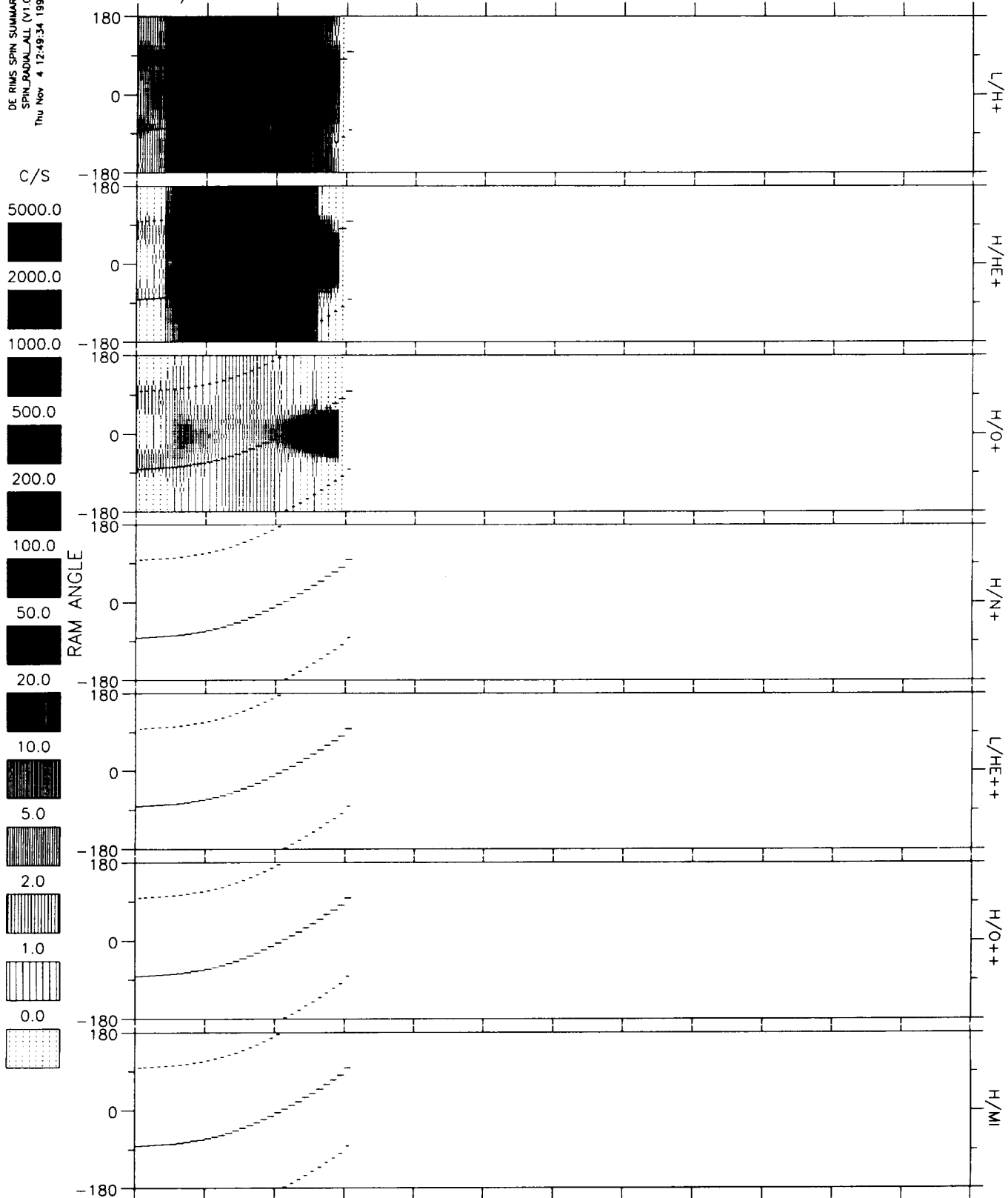
82/284 11-OCT 1900:00 - 0300:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1940	0000	0000	0000	2220	2300	2340	0000	0000	0000	0220	HHMM
RE	3.5	0.0	0.0	0.0	3.2	4.0	4.4	0.0	0.0	0.0	3.7	RE
L	3.5	0.0	0.0	0.0	88.2	71.2	27.4	0.0	0.0	0.0	4.2	
MLT	9.6	0.0	0.0	0.0	17.2	11.6	10.4	0.0	0.0	0.0	9.5	HRS
MLAT	-4.21	0.00	0.00	0.00	*****	*****	*****	0.00	0.00	0.00	*****	DEGS
INVLAT	57.6	0.0	0.0	0.0	83.9	83.2	79.0	0.0	0.0	0.0	60.6	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Thu Nov 4 12:49:34 1993

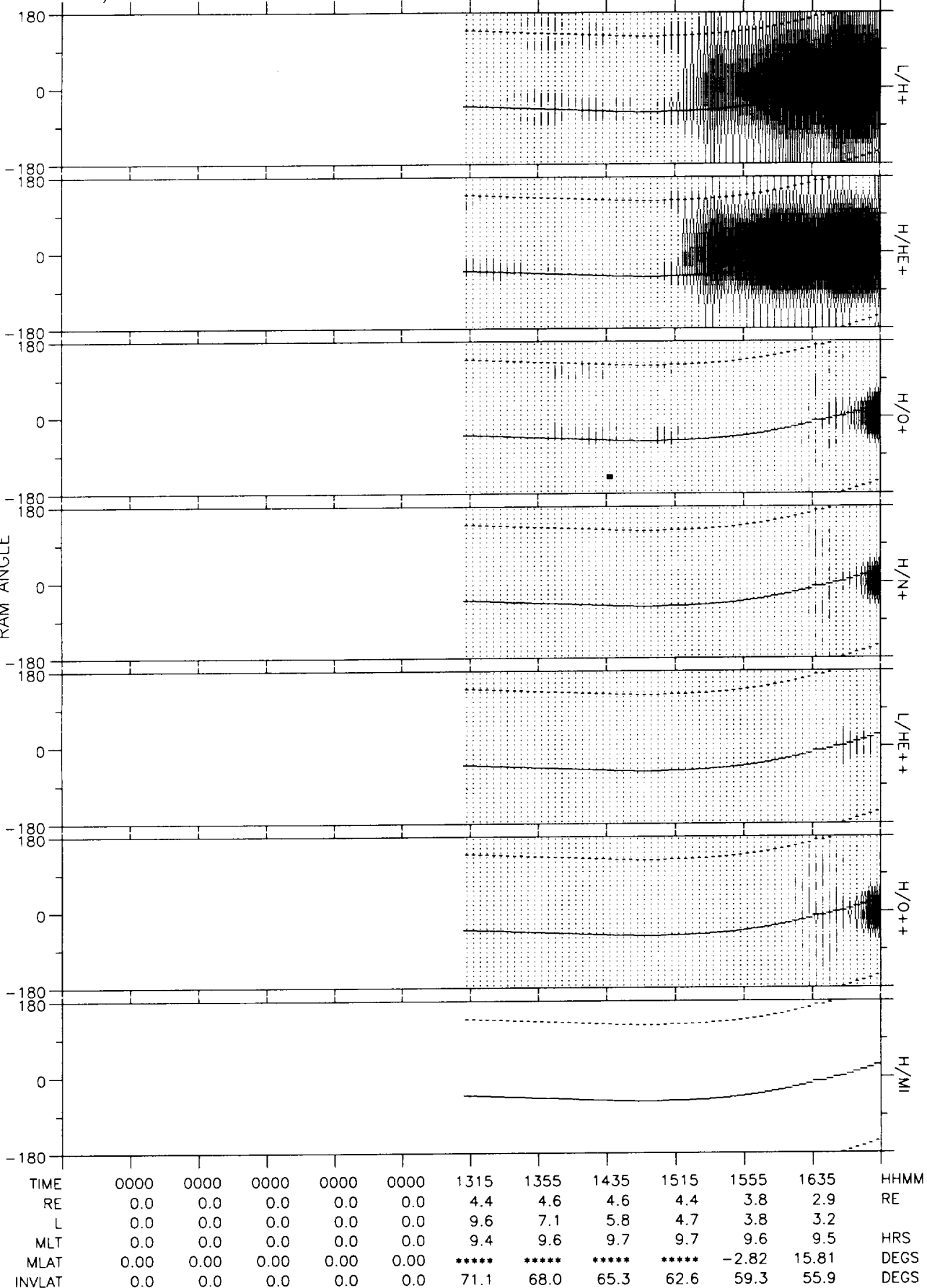
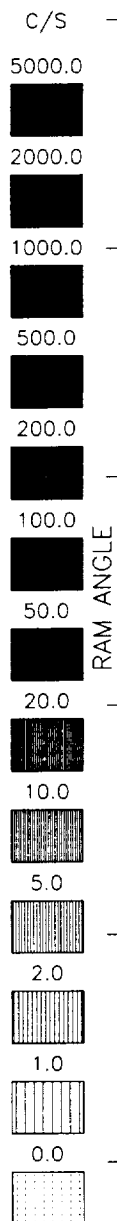
82/285 12-OCT 0200:00 - 1000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0240	0320	0400	0000	0000	0000	0000	0000	0000	0000	0000	HHMM
RE	3.3	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	RE
L	3.3	2.4	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MLT	9.5	9.7	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	HRS
MLAT	*****	20.14	56.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	DEGS
INVLAT	56.8	50.1	59.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DEGS

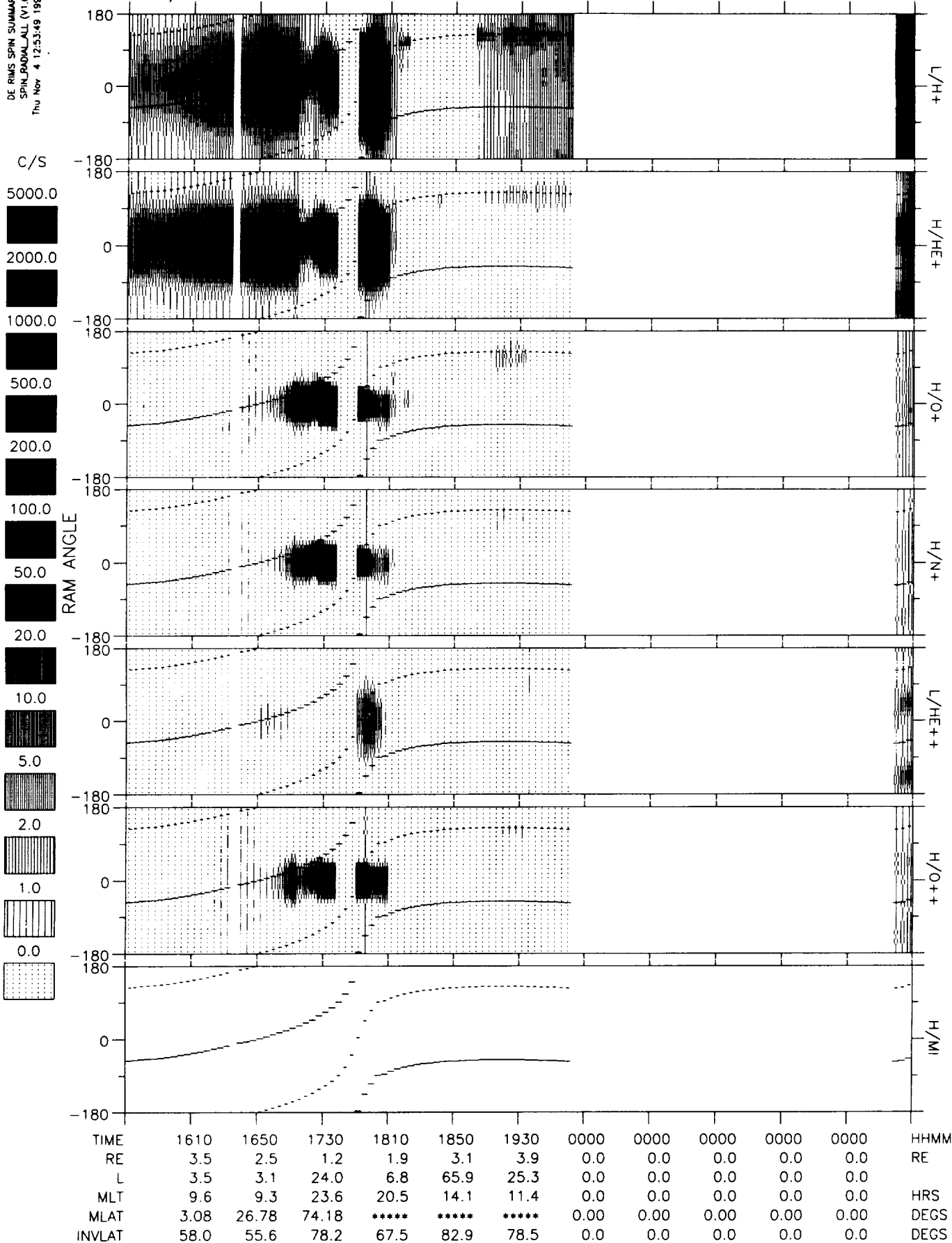
DE RIMS SPIN SUMMARY
SPIN_RADIAL.ALL (V1.0)
Thu Nov 4 12:51:53 1993

82/285 12-OCT 0915:00 - 1715:00 HEAD= RL RPA= 0 to 1000 BIAS= A



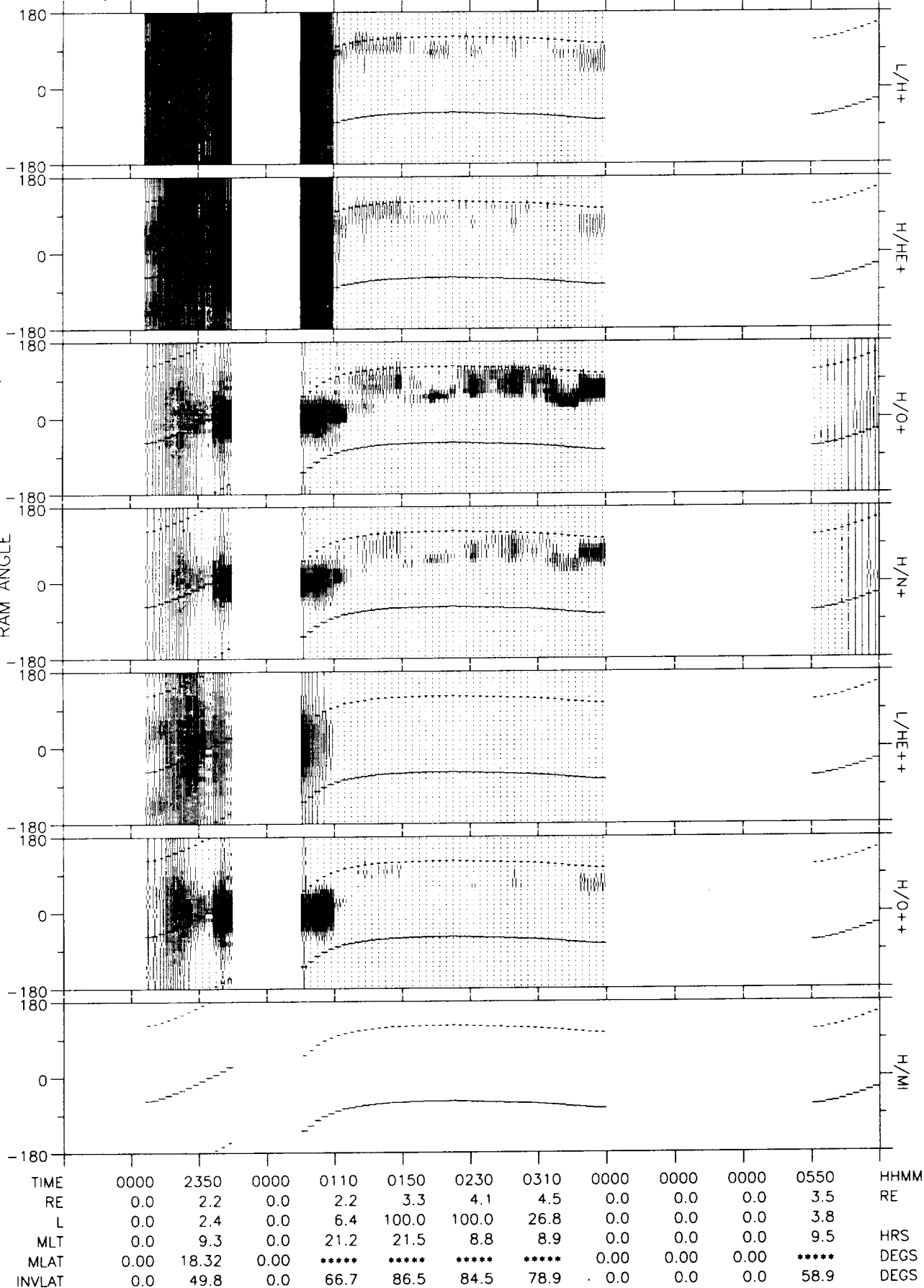
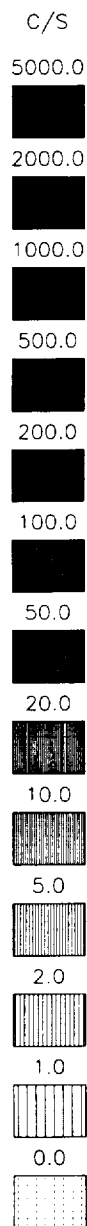
DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Thu Nov 4 12:53:49 1993

82/285 12-OCT 1530:00 - 2330:00 HEAD= RL RPA= 0 to 1000 BIAS= A



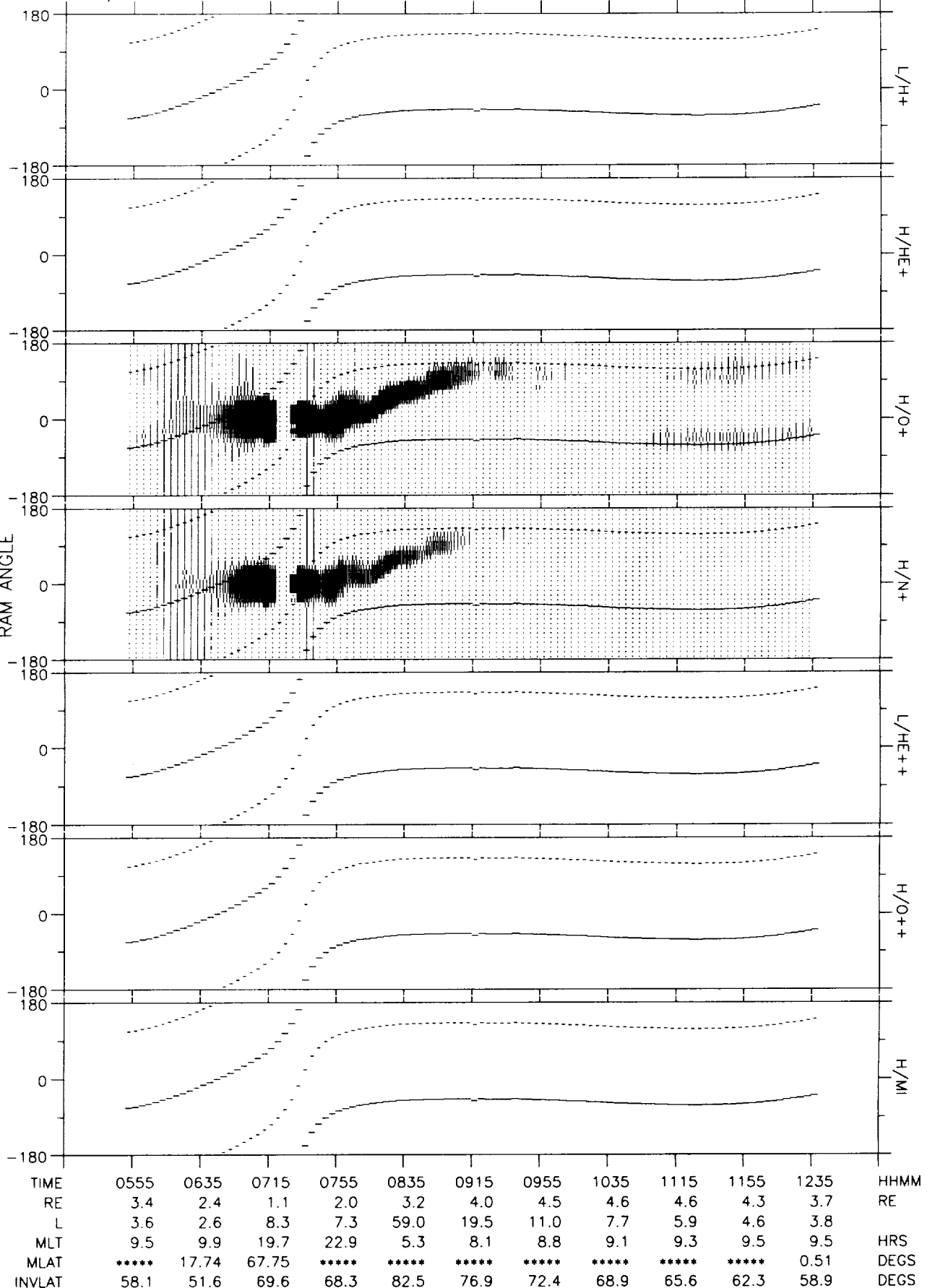
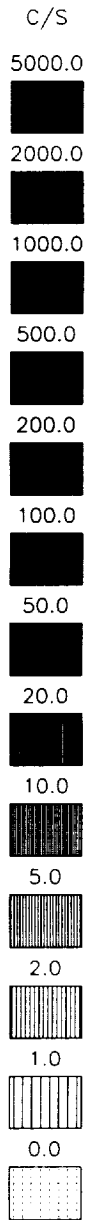
DE RIMS SPIN SUMMARY
SPIN/RADIAL ALL (V1.0)
Thu Nov 4 12:57:01 1993

82/285 12-OCT 2230:00 - 0630:00 HEAD= RL RPA= 0 to 1000 BIAS= A



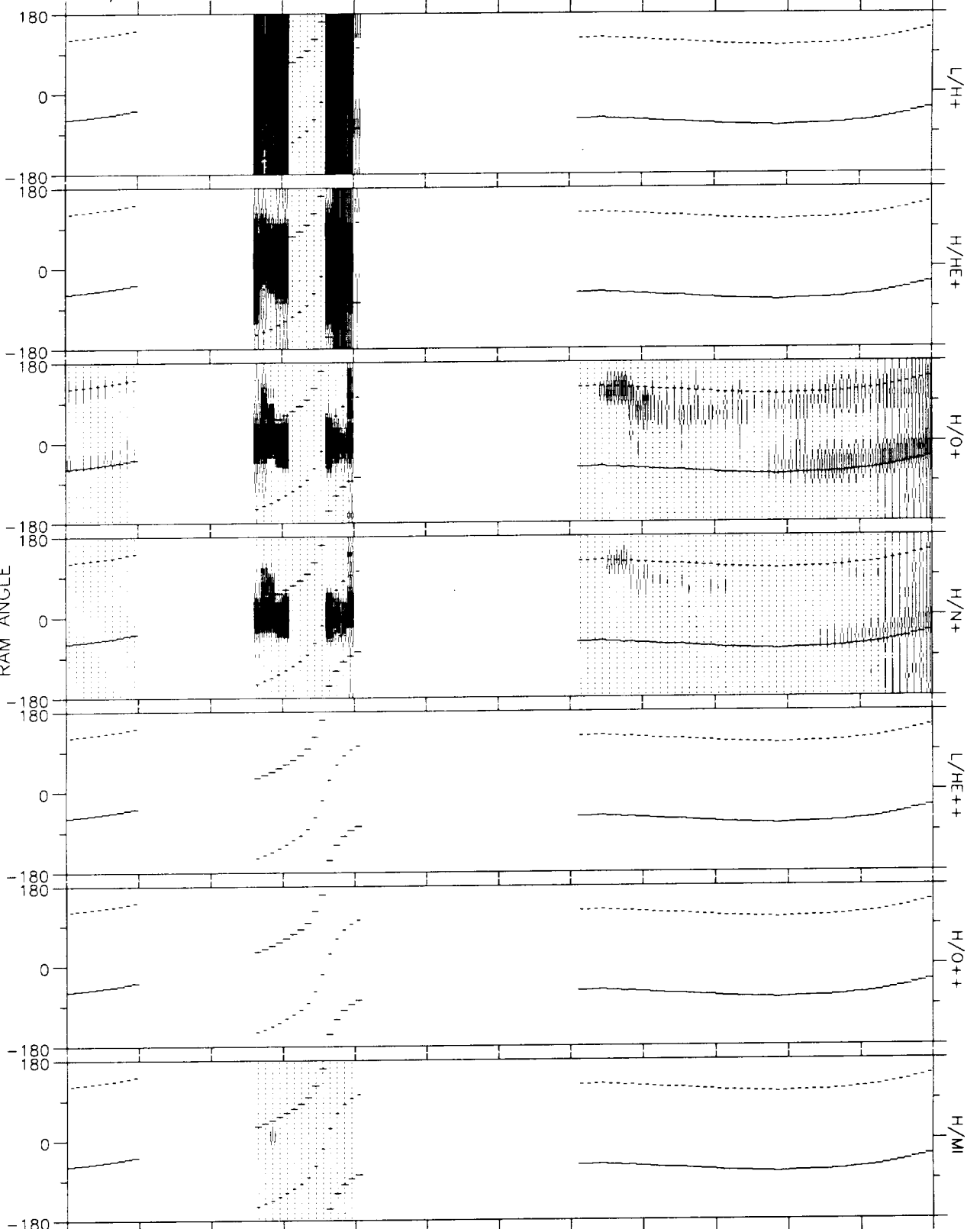
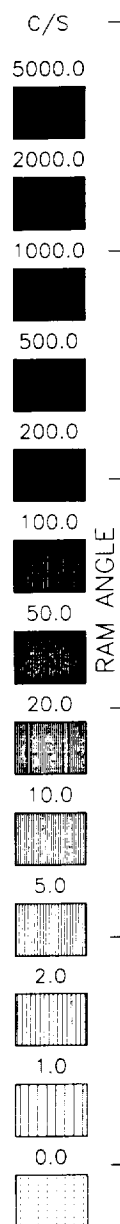
DE RIMS SPIN SUMMARY
SPIN-RADIALALL (V1.0)
Fri Nov 5 16:17:52 1993

82/286 13-OCT 0515:00 - 1315:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Fri Nov 5 16:19:17 1993

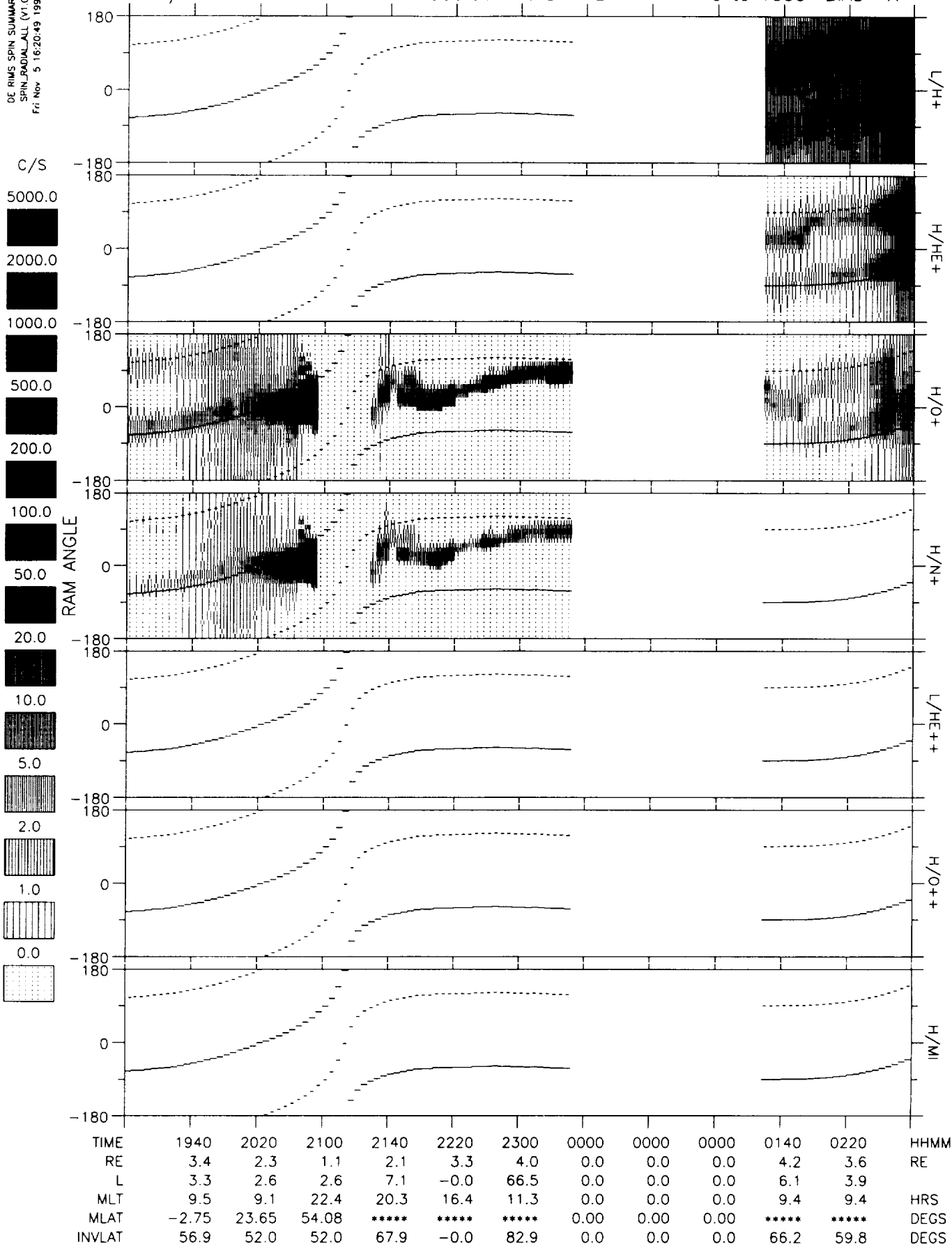
82/286 13-OCT 1200:00 - 2000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	1400	1440	0000	0000	0000	1720	1800	1840	1920	HHMM
RE	0.0	0.0	1.2	1.7	0.0	0.0	0.0	4.6	4.6	4.3	3.8	RE
L	0.0	0.0	85.2	5.0	0.0	0.0	0.0	7.9	6.3	5.1	3.9	
MLT	0.0	0.0	21.7	21.3	0.0	0.0	0.0	10.1	9.9	9.8	9.6	HRS
MLAT	0.00	0.00	80.43	*****	0.00	0.00	0.00	*****	*****	*****	*****	DEGS
INVLAT	0.0	0.0	83.9	63.5	0.0	0.0	0.0	69.2	66.6	63.6	59.5	DEGS

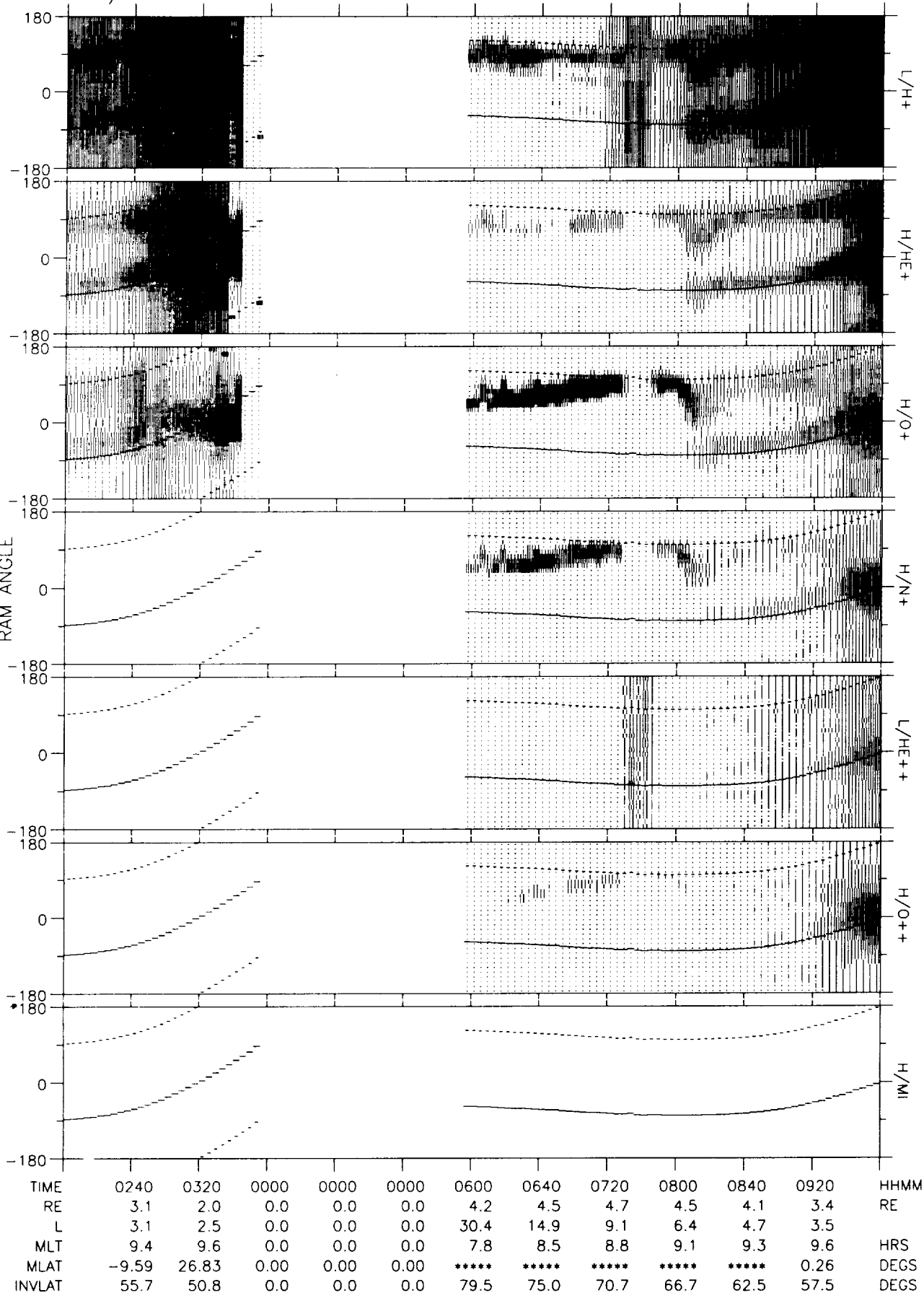
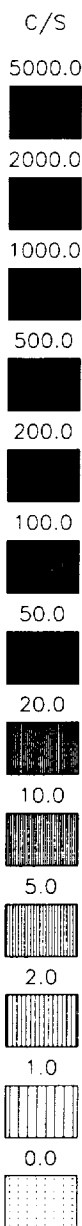
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 5 16:20:49 1993

82/286 13-OCT 1900:00 - 0300:00 HEAD= RL RPA= 0 to 1000 BIAS= A



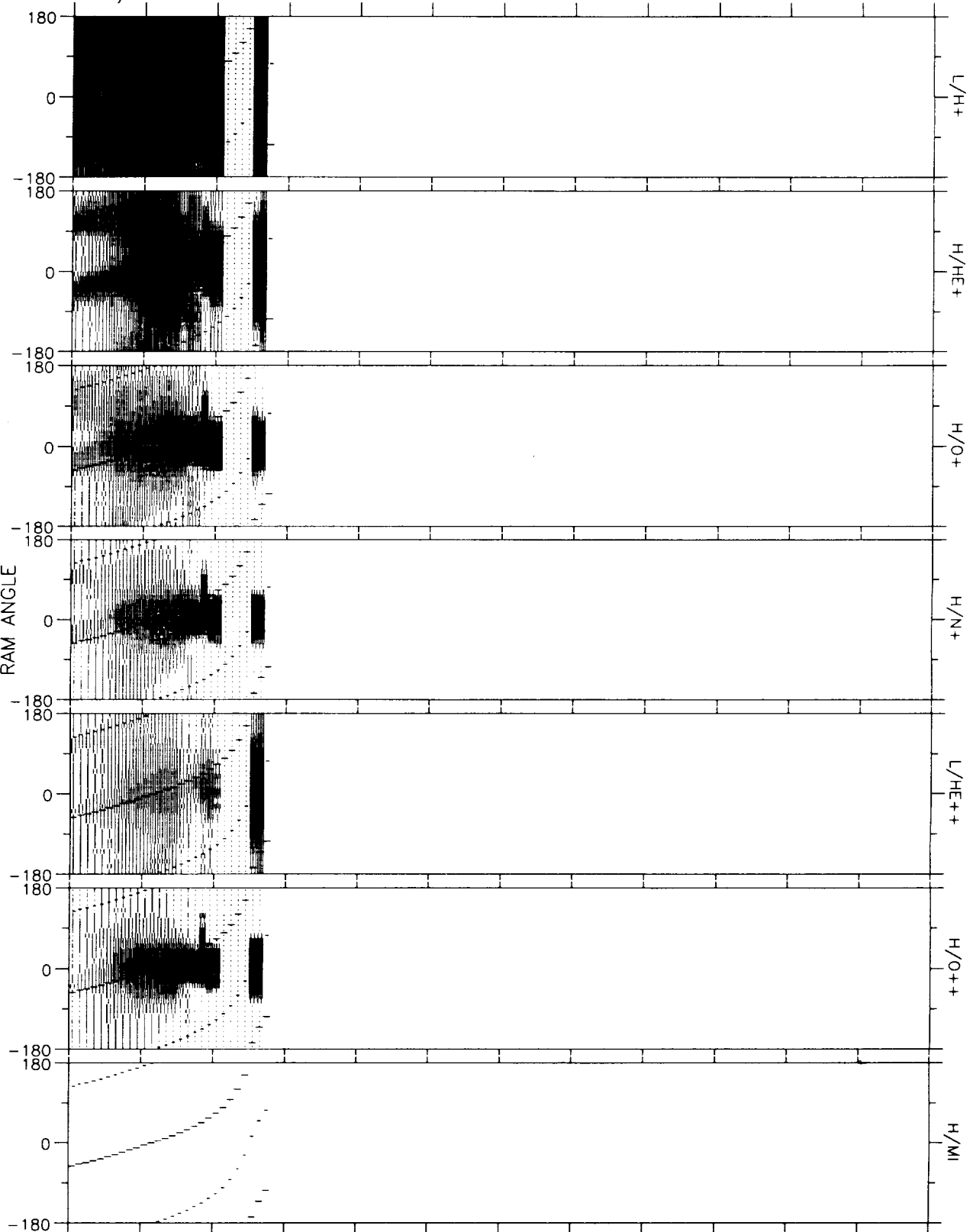
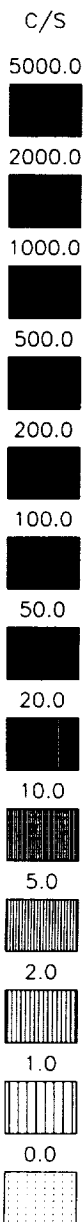
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Fri Nov 5 16:22:31 1993

82/287 14-OCT 0200:00 - 1000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RMS SPIN SUMMARY
SPINRADIAL (V1.0)
Fri Nov 5 16:25:13 1993

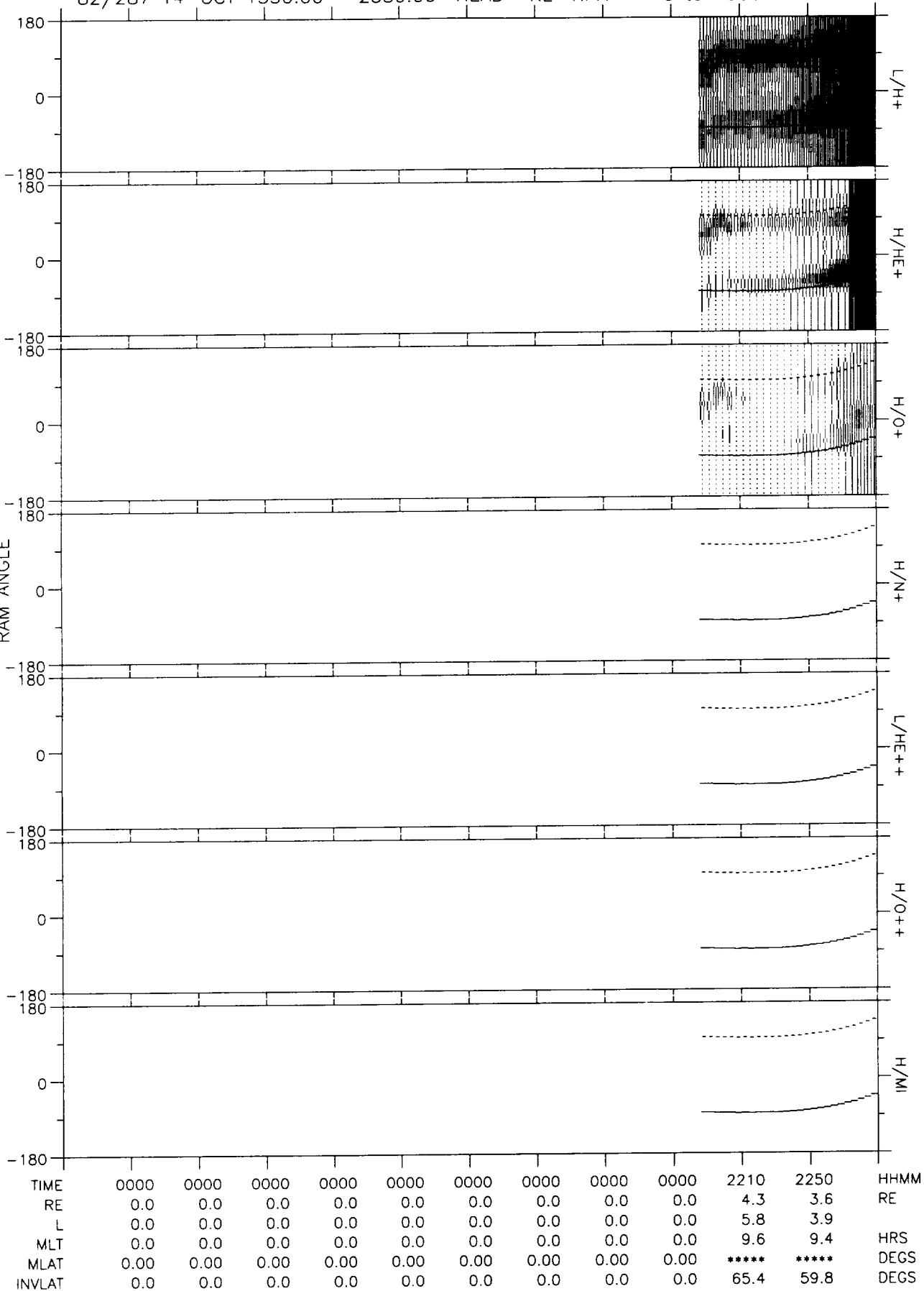
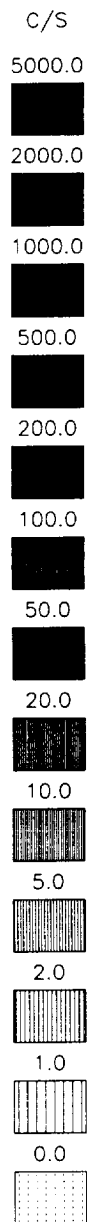
82/287 14-OCT 0915:00 - 1715:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0955	1035	0000	0000	0000	0000	0000	0000	0000	0000	0000	HHMM
RE	2.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	RE
L	2.9	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MLT	9.8	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	HRS
MLAT	24.72	70.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	DEGS
INVLAT	53.9	75.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DEGS

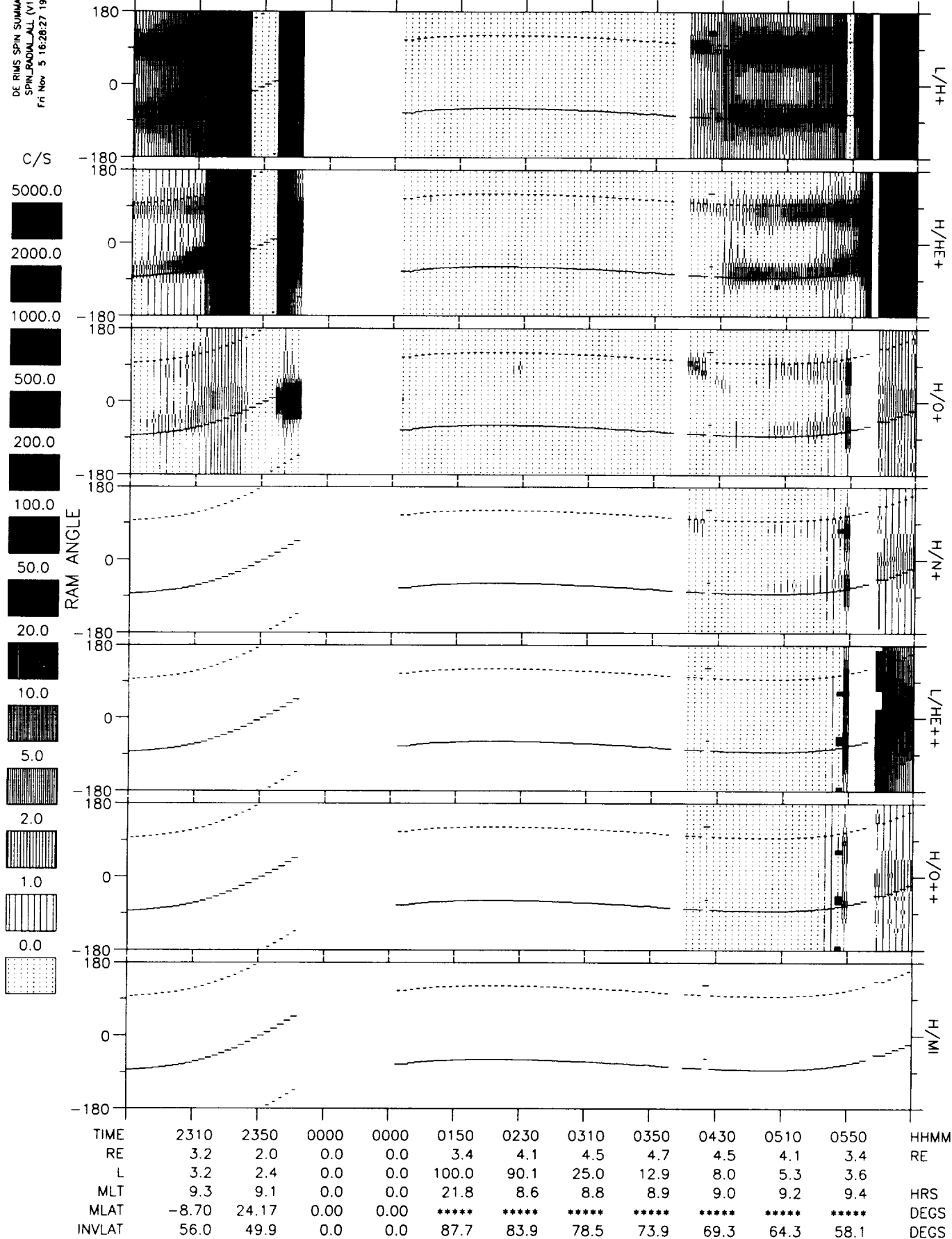
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Fri Nov 5 16:27:08 1993

82/287 14-OCT 1530:00 - 2330:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Fri Nov 5 16:28:27 1993

82/287 14-OCT 2230:00 - 0630:00 HEAD= RL RPA= 0 to 1000 BIAS= A

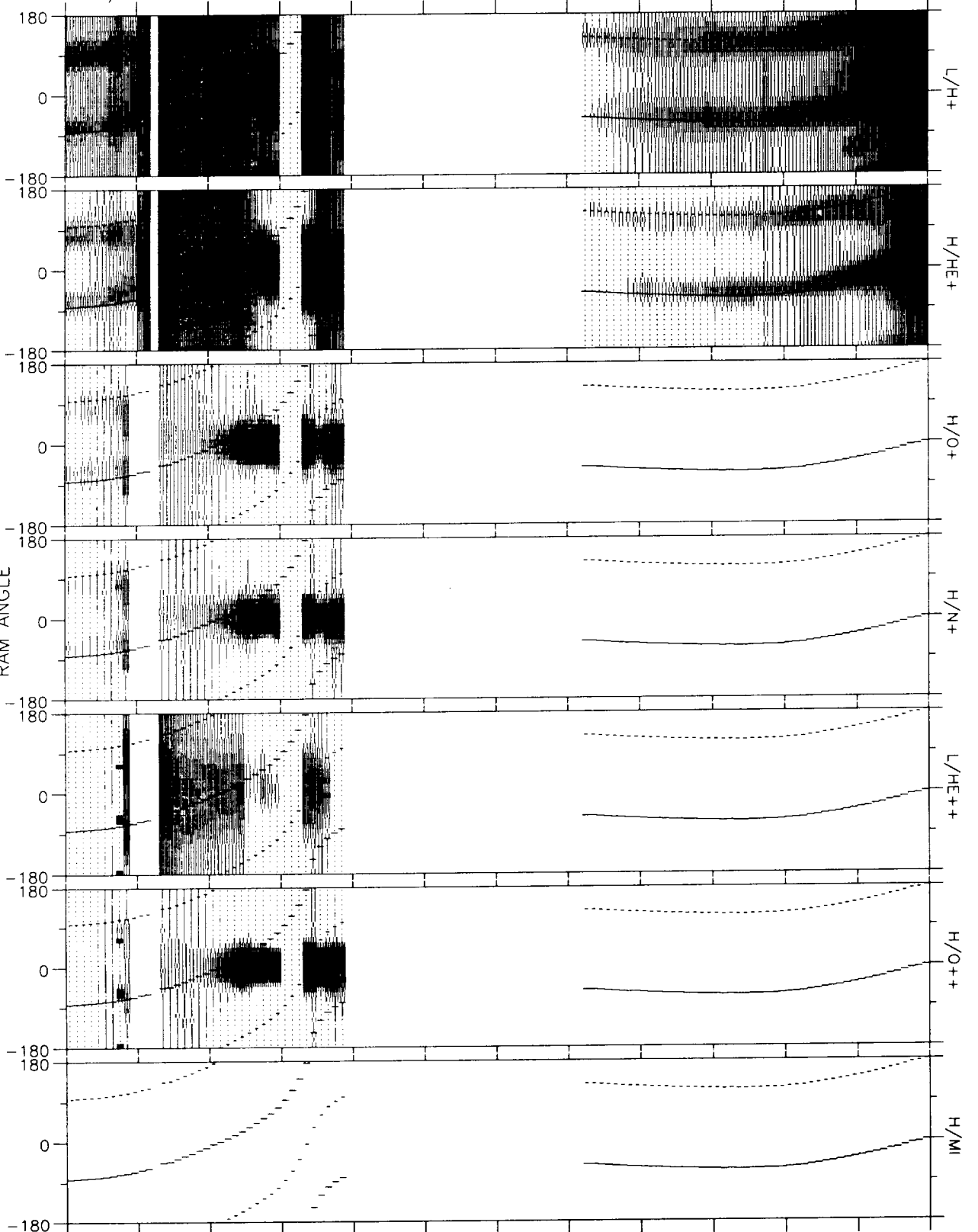


DE RIMS SPIN SUMMARY
SPIN RADIALALL (V1.0)
Fri Nov 5 16:30:50 1993

82/288 15-OCT 0515:00 - 1315:00 HEAD= RL RPA= 0 to 1000 BIAS= A



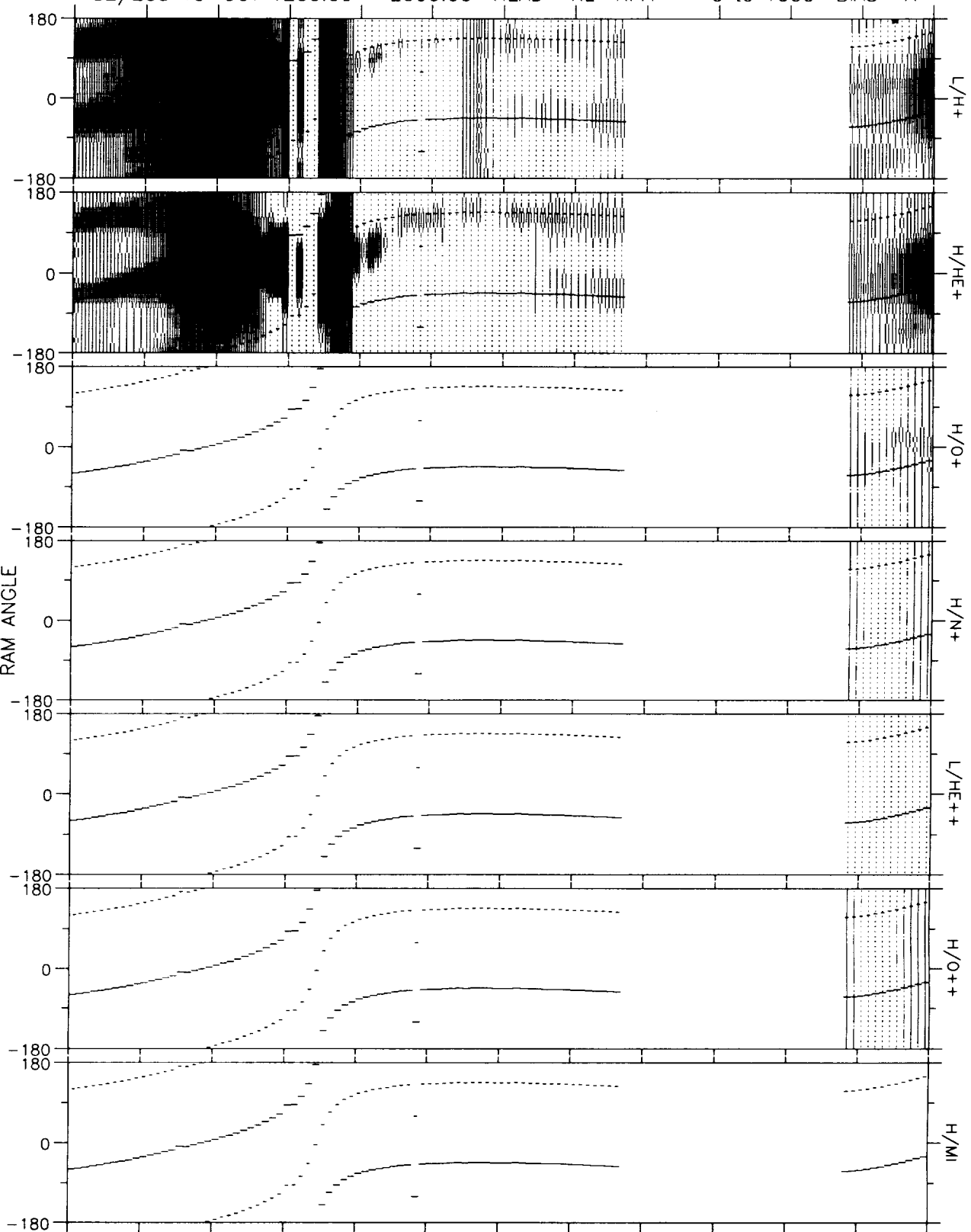
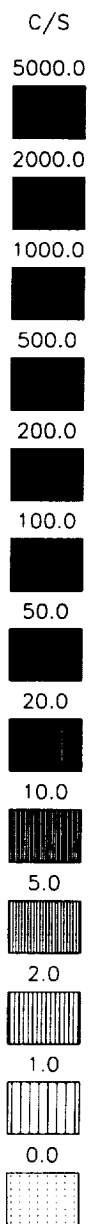
RAM ANGLE



TIME	0555	0635	0715	0000	0000	0000	0000	1035	1115	1155	1235	HHMM
RE	3.3	2.2	1.1	0.0	0.0	0.0	0.0	4.7	4.6	4.2	3.6	RE
L	3.4	2.6	2.1	0.0	0.0	0.0	0.0	7.5	5.7	4.5	3.6	
MLT	9.4	9.9	20.8	0.0	0.0	0.0	0.0	9.0	9.2	9.4	9.4	HRS
MLAT	-8.20	23.17	44.53	0.00	0.00	0.00	0.00	*****	*****	*****	2.76	DEGS
INVLAT	57.2	51.4	45.9	0.0	0.0	0.0	0.0	68.6	65.3	62.0	58.4	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Fri Nov 5 16:33:56 1993

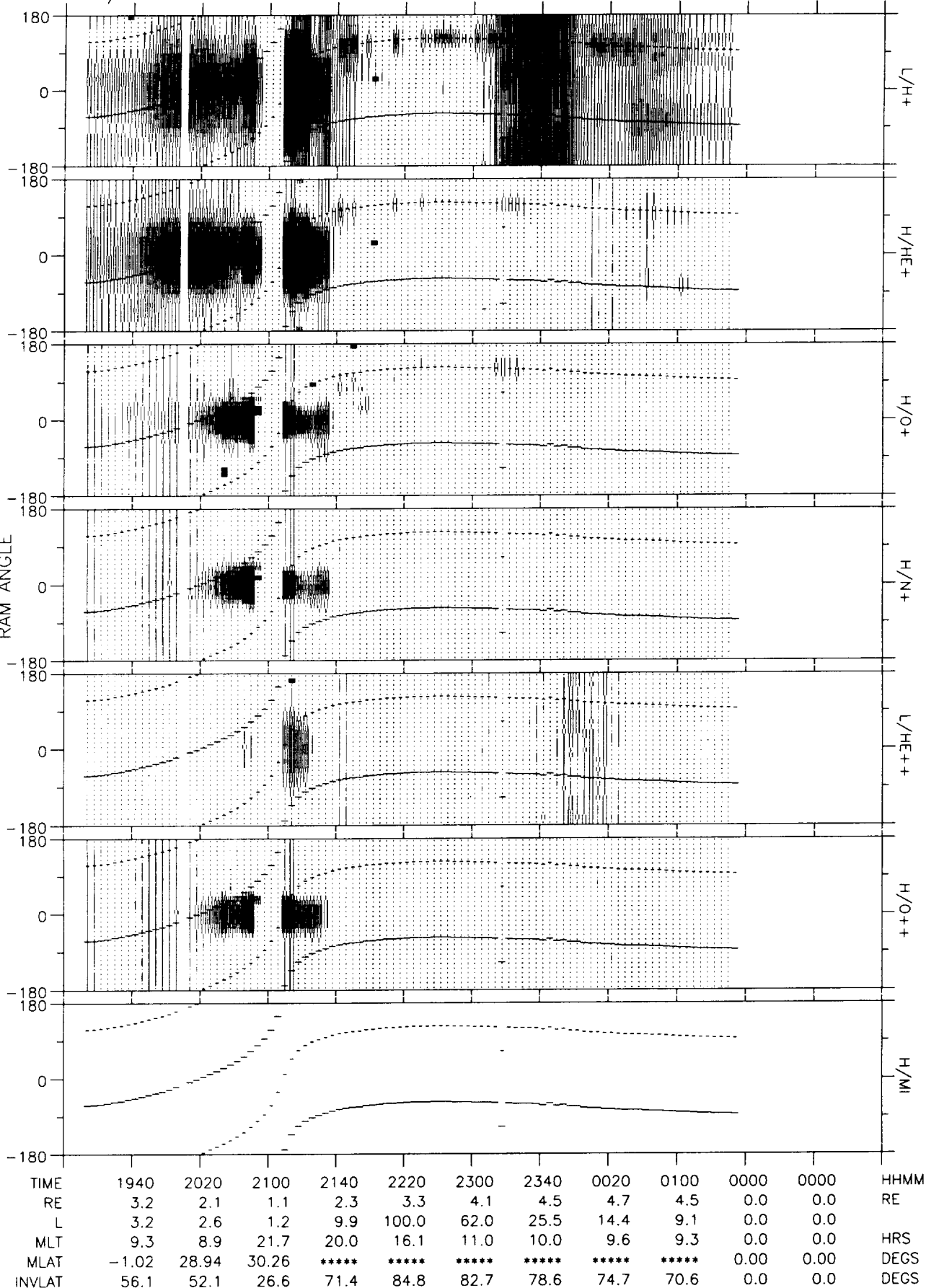
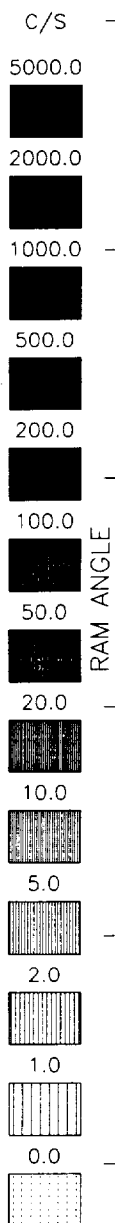
82/288 15-OCT 1200:00 - 2000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1240	1320	1400	1440	1520	1600	1640	0000	0000	0000	1920	HHMM
RE	3.5	2.4	1.1	2.0	3.2	4.0	4.4	0.0	0.0	0.0	3.7	RE
L	3.5	3.4	6.1	16.3	53.3	15.8	10.2	0.0	0.0	0.0	3.8	
MLT	9.4	9.5	21.5	20.9	10.8	10.2	10.0	0.0	0.0	0.0	9.5	HRS
MLAT	5.16	32.28	59.71	*****	*****	*****	*****	0.00	0.00	0.00	-9.33	DEGS
INVLAT	57.9	57.1	66.0	75.6	82.1	75.4	71.8	0.0	0.0	0.0	58.9	DEGS

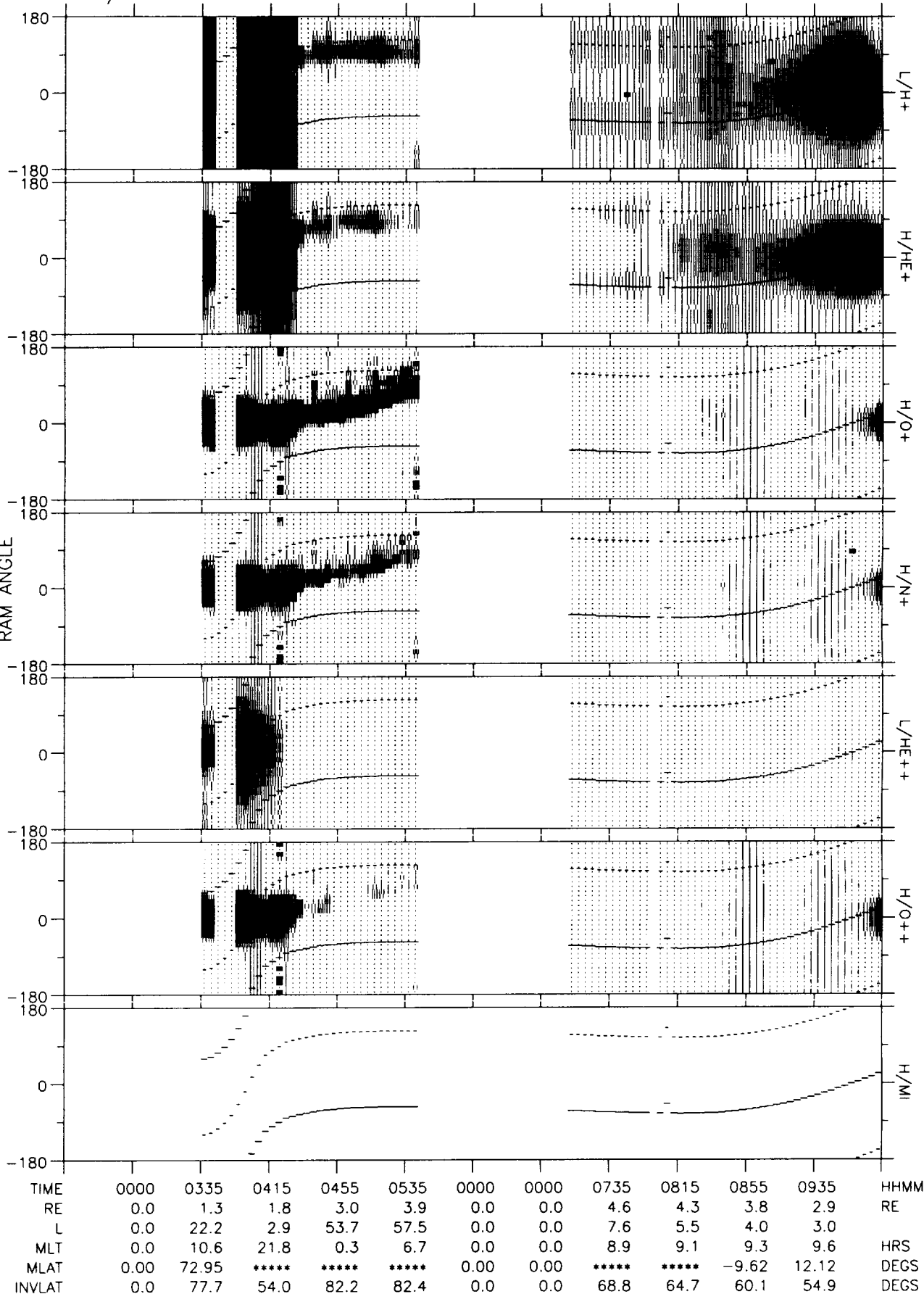
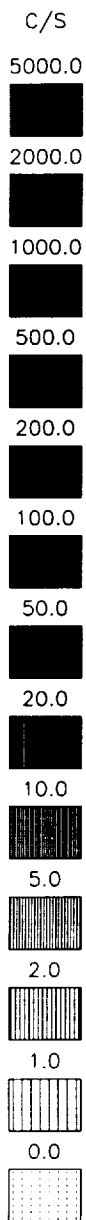
DE RIMS SPIN SUMMARY
SPIN_RADIAL.ALL (V1.0)
Fri Nov 5 16:35:54 1993

82/288 15-OCT 1900:00 - 0300:00 HEAD= RL RPA= 0 to 1000 BIAS= A



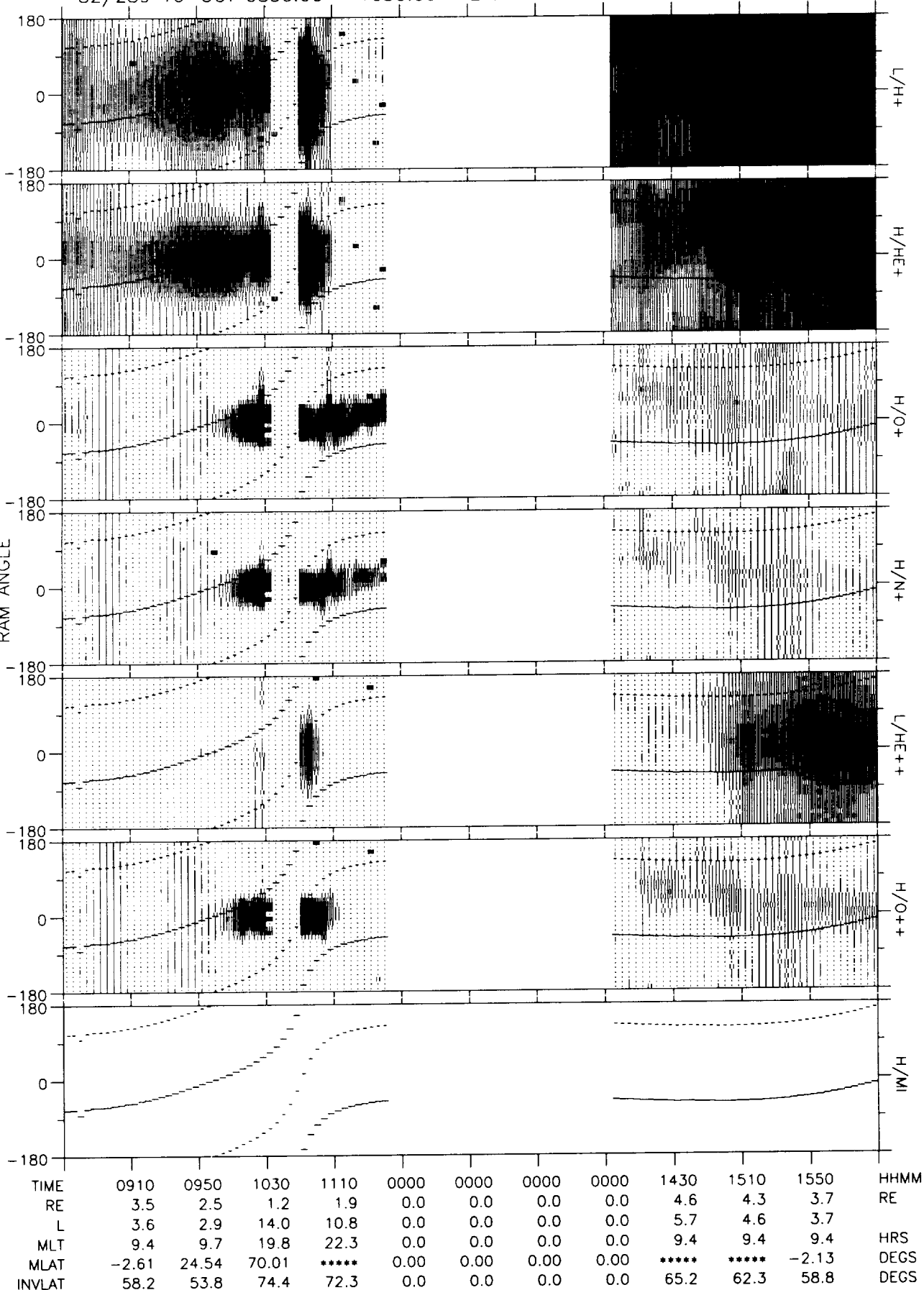
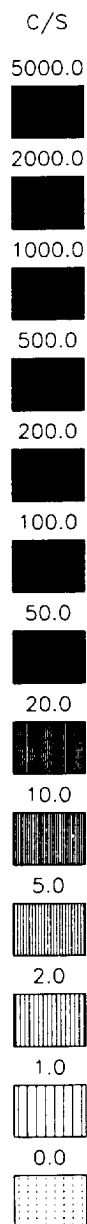
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 5 16:38:15 1993

82/289 16-OCT 0215:00 - 1015:00 HEAD= RL RPA= 0 to 1000 BIAS= A



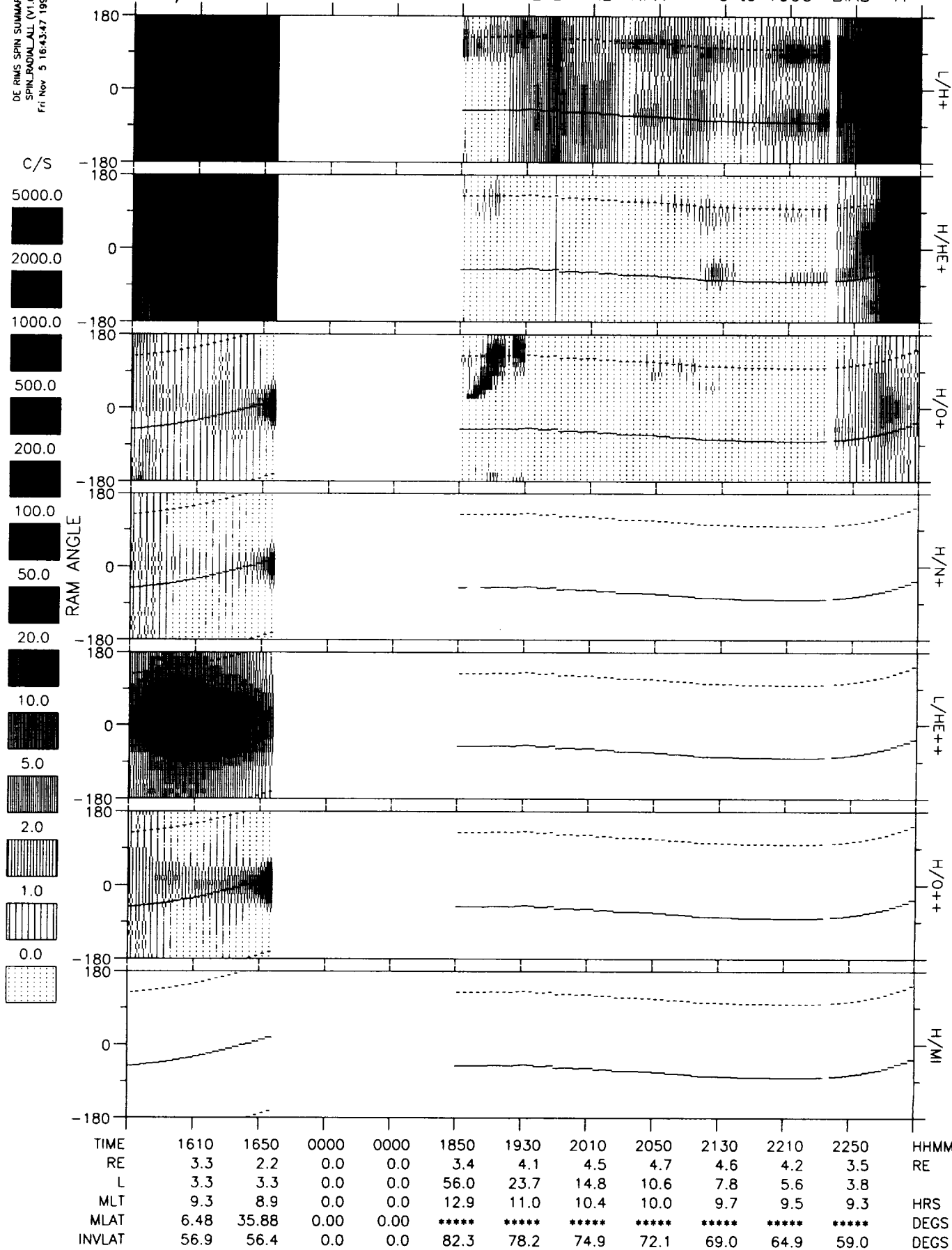
DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Fri Nov 5 16:40:37 1993

82/289 16-OCT 0830:00 - 1630:00 HEAD= RL RPA= 0 to 1000 BIAS= A



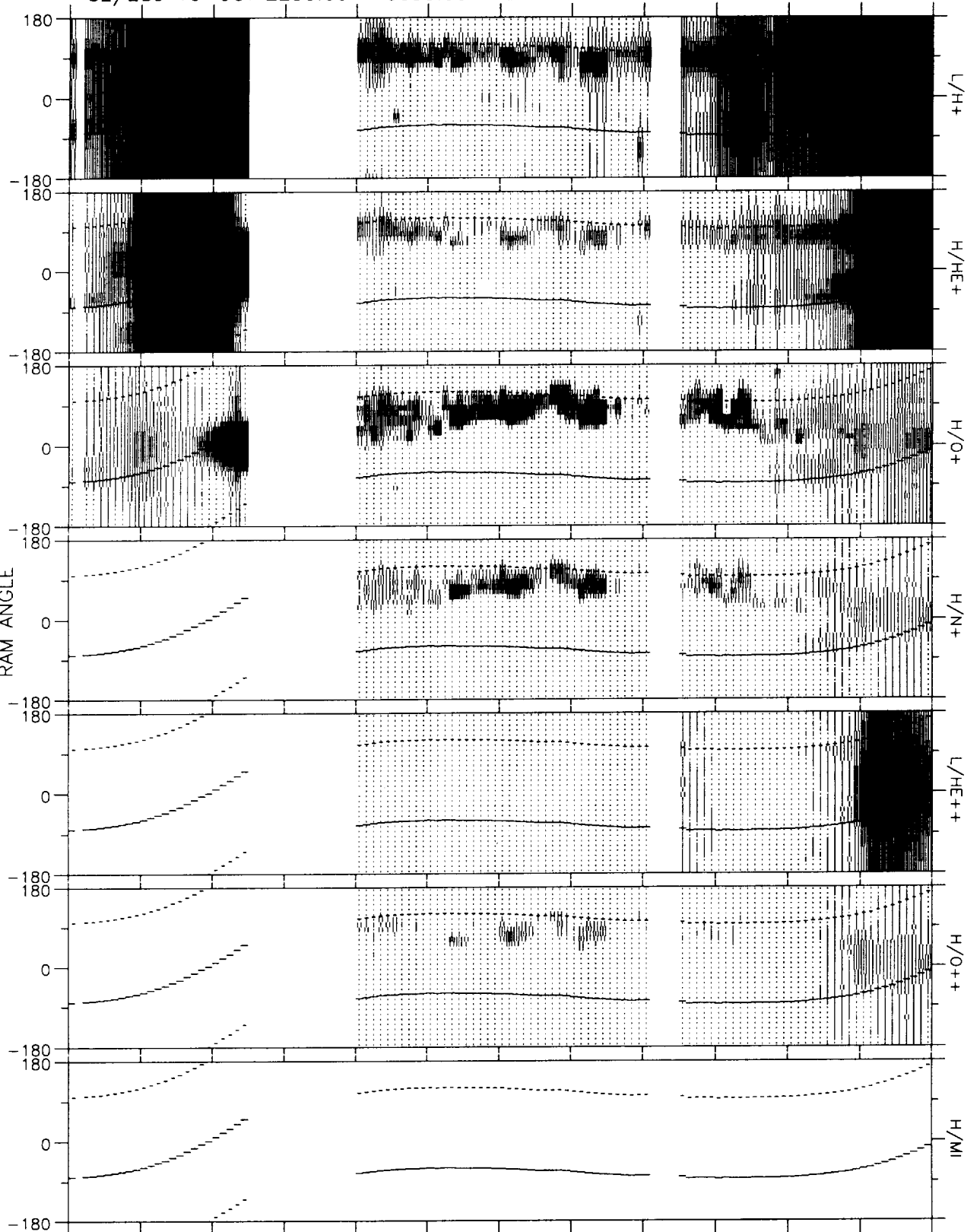
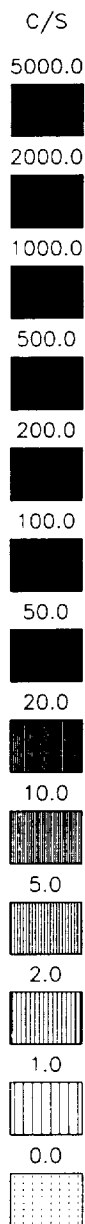
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 5 16:43:47 1993

82/289 16-OCT 1530:00 - 2330:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Fri Nov 5 16:46:20 1993

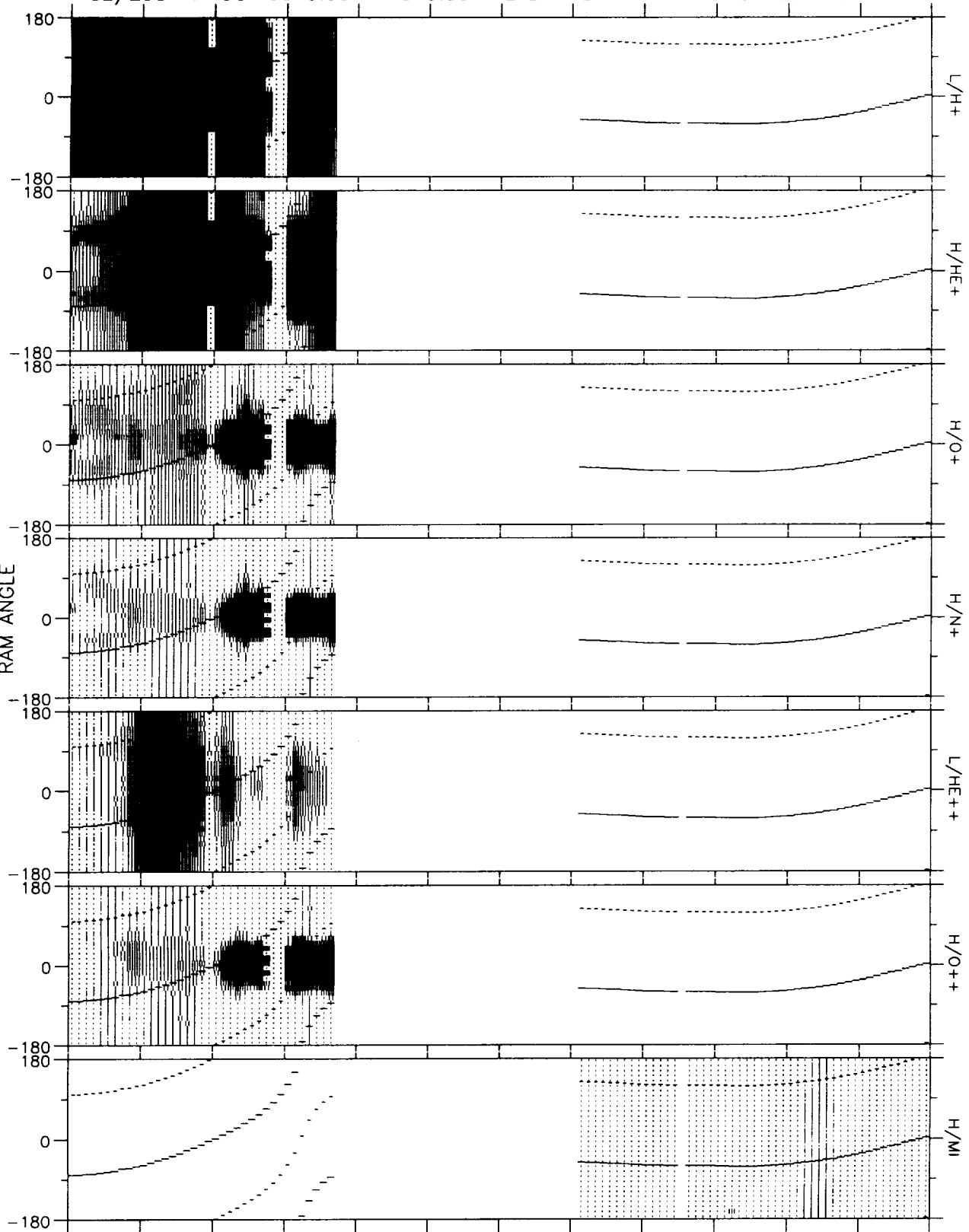
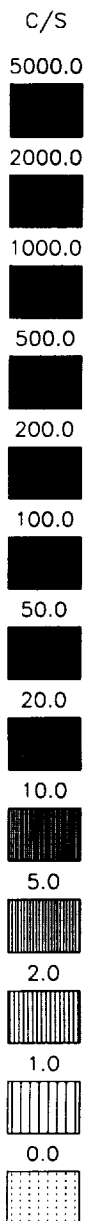
82/289 16-OCT 2230:00 - 0630:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	2310	2350	0000	0110	0150	0230	0310	0350	0430	0510	0550	HHMM
RE	3.1	1.8	0.0	2.6	3.6	4.2	4.6	4.7	4.5	4.1	3.3	RE
L	3.0	2.6	0.0	12.4	-0.0	75.7	23.4	12.5	7.7	5.1	3.4	
MLT	9.2	8.9	0.0	21.0	23.0	8.4	8.6	8.7	8.9	9.1	9.3	HRS
MLAT	-6.49	31.54	0.00	*****	*****	*****	*****	*****	*****	*****	-8.49	DEGS
INVLAT	54.9	51.3	0.0	73.5	-0.0	83.4	78.1	73.6	68.9	63.7	57.2	DEGS

DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Fri Nov 5 16:49:22 1993

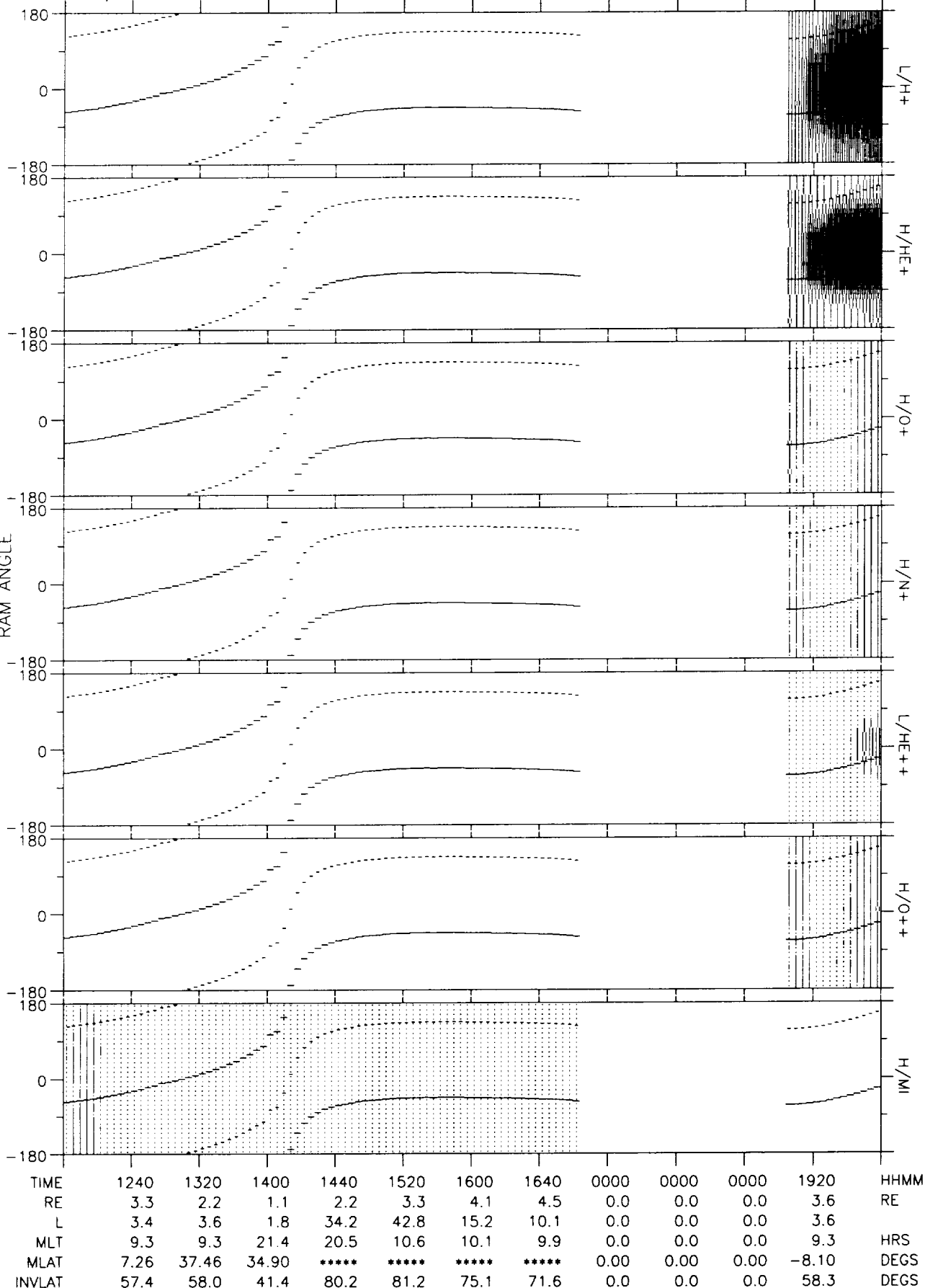
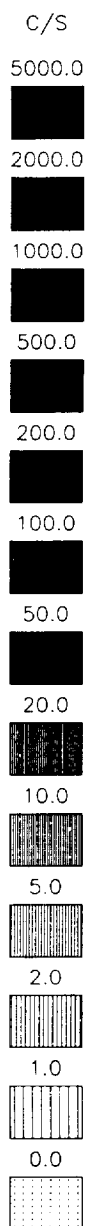
82/290 17-OCT 0515:00 - 1315:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0555	0635	0715	0000	0000	0000	0000	1035	1115	1155	1235	HHMM
RE	3.2	2.0	1.1	0.0	0.0	0.0	0.0	4.7	4.5	4.1	3.4	RE
L	3.2	2.6	1.3	0.0	0.0	0.0	0.0	7.3	5.6	4.4	3.5	
MLT	9.3	9.8	21.1	0.0	0.0	0.0	0.0	8.9	9.1	9.2	9.3	HRS
MLAT	-5.68	29.39	20.75	0.00	0.00	0.00	0.00	****	****	****	4.70	DEGS
INVLAT	56.3	51.7	27.0	0.0	0.0	0.0	0.0	68.3	65.0	61.5	57.9	DEGS

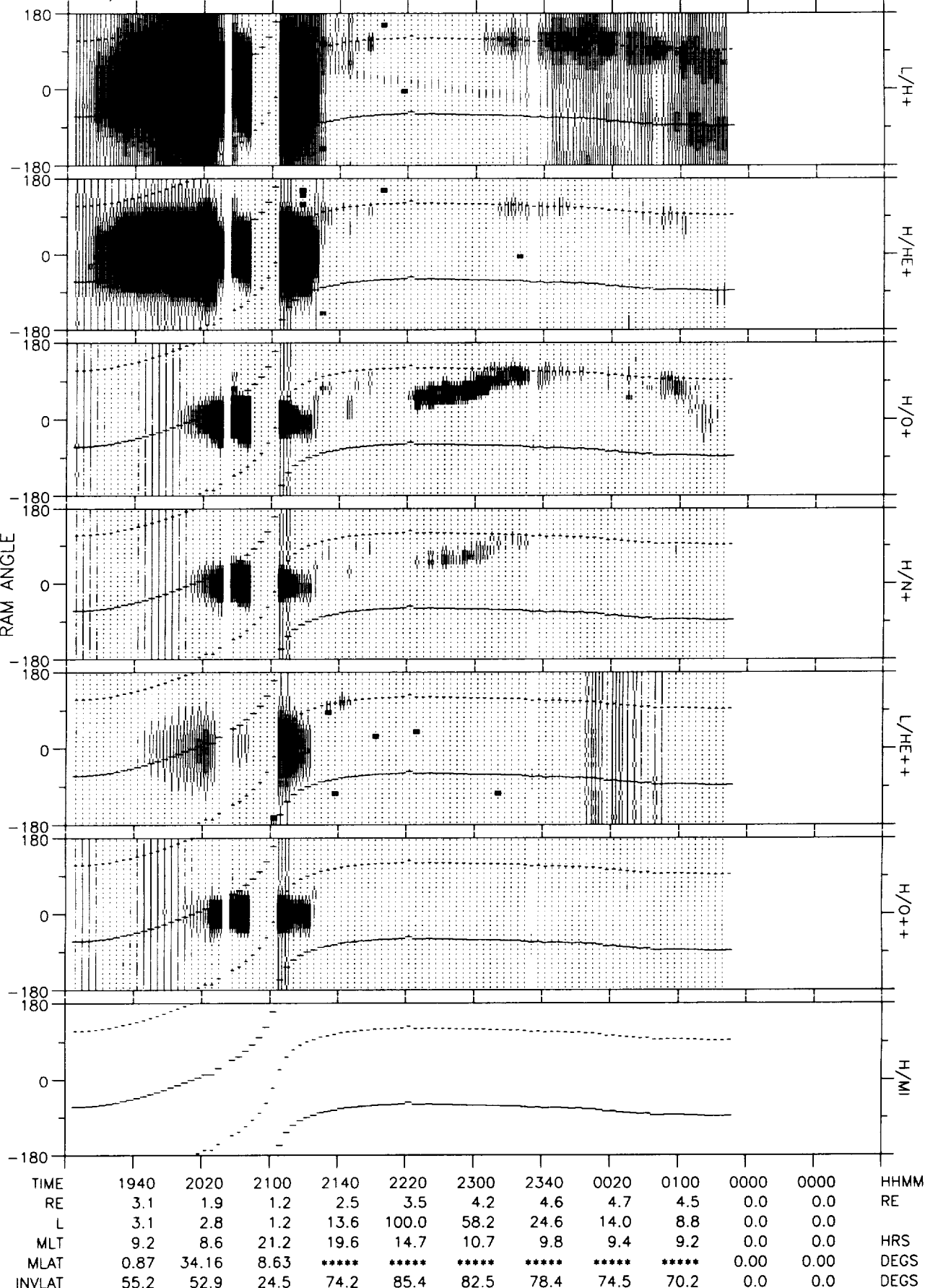
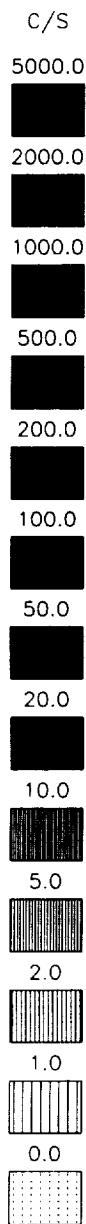
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Sun Nov 7 19:58:28 1993

82/290 17-OCT 1200:00 - 2000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



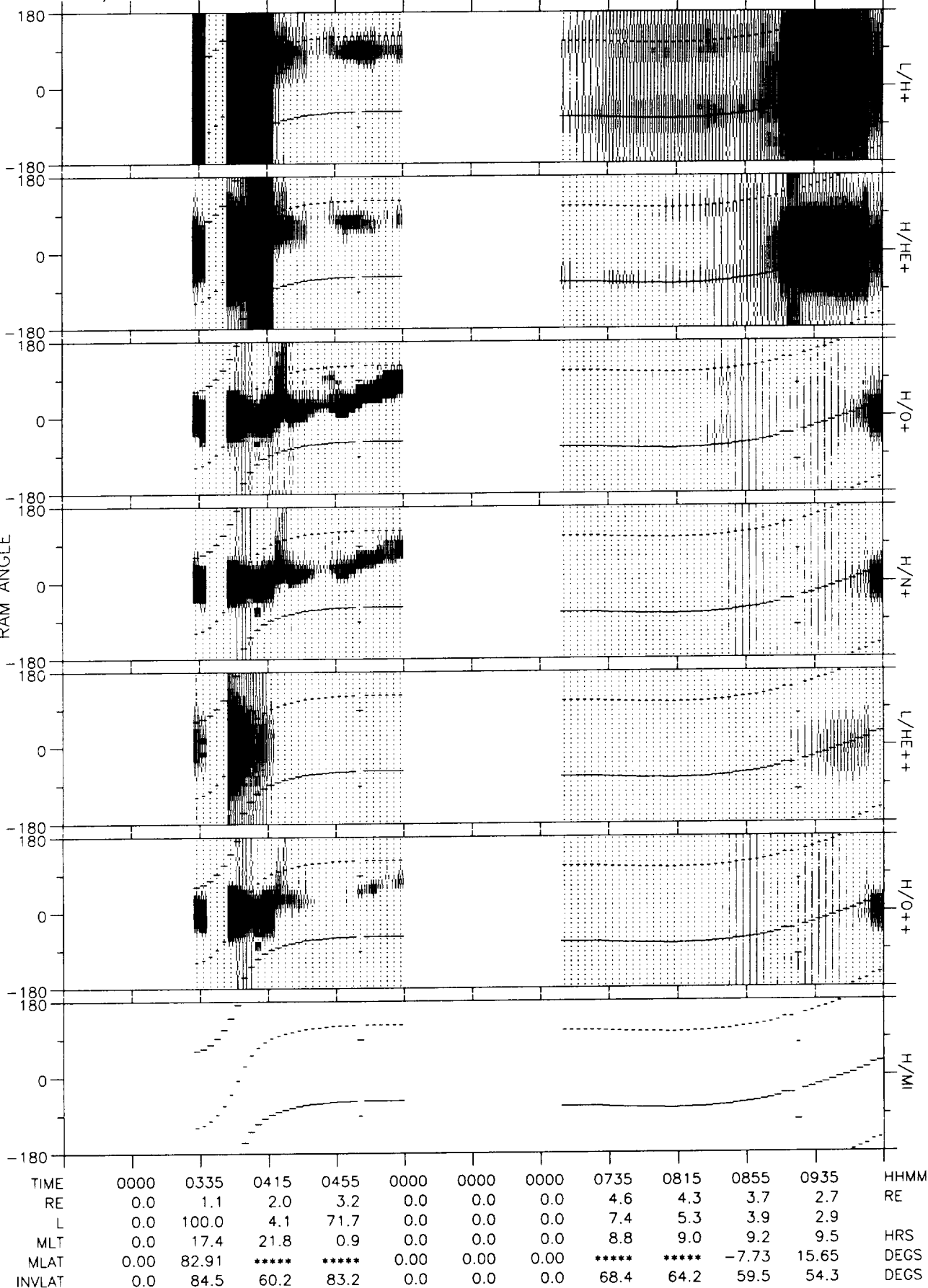
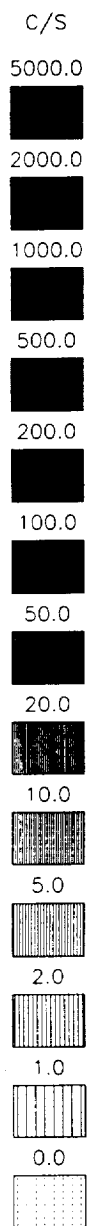
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Sun Nov 7 19:59:54 1993

82/290 17-OCT 1900:00 - 0300:00 HEAD= RL RPA= 0 to 1000 BIAS= A



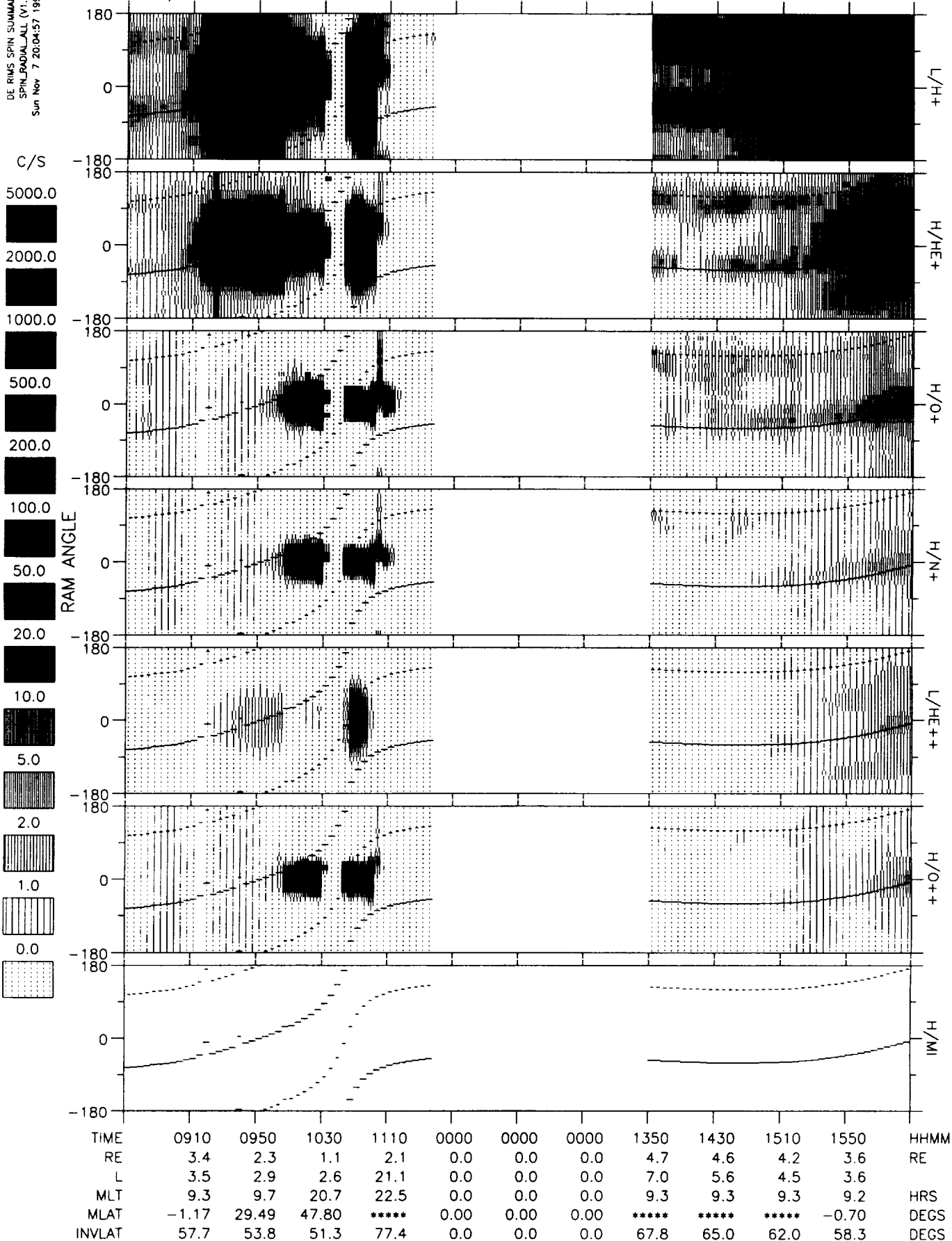
DE RIMS SPIN SUMMARY
SPIN_RADIAL-ALL (V1.0)
Sun Nov 7 20:02:32 1993

82/291 18-OCT 0215:00 - 1015:00 HEAD= RL RPA= 0 to 1000 BIAS= A



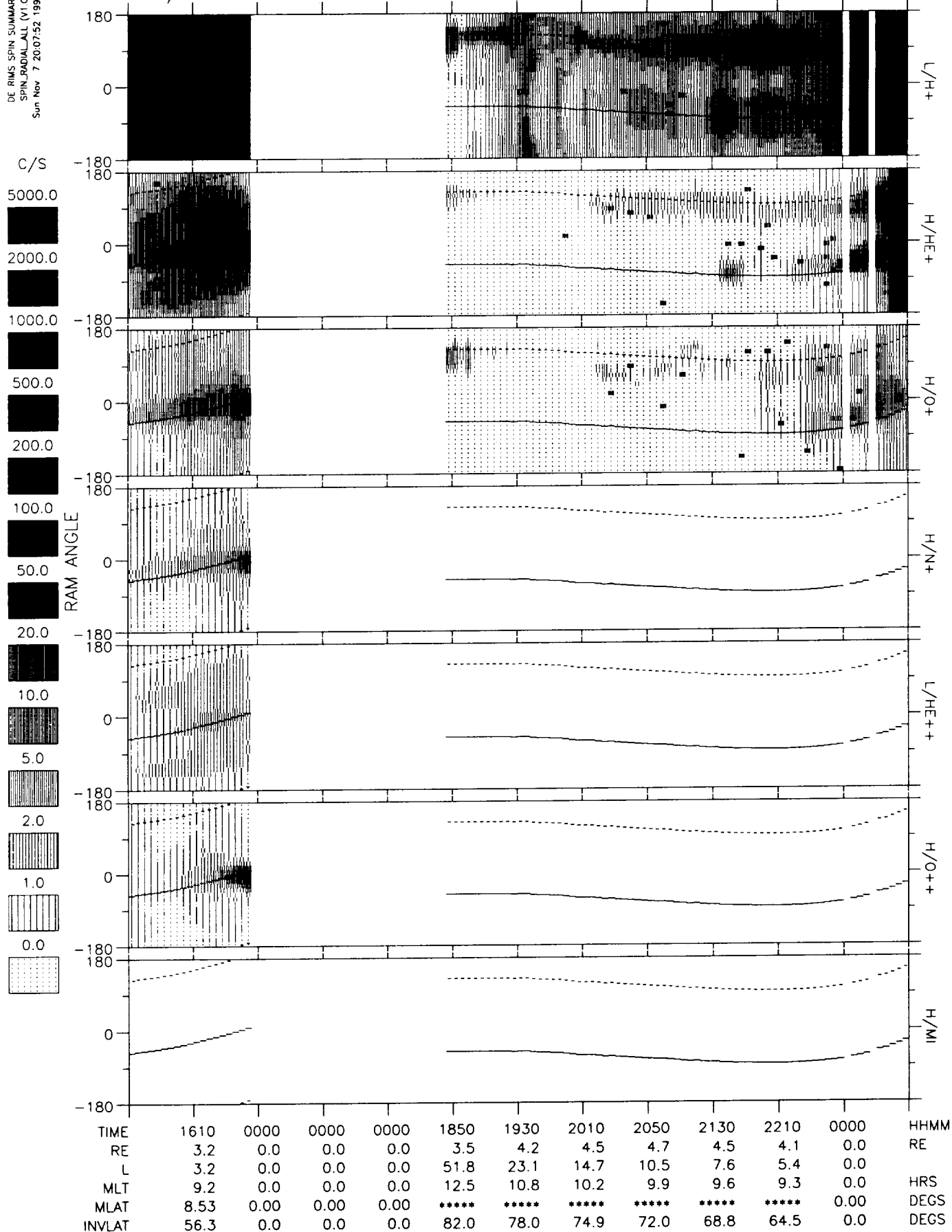
DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Sun Nov 7 20:04:57 1993

82/291 18-OCT 0830:00 - 1630:00 HEAD= RL RPA= 0 to 1000 BIAS= A



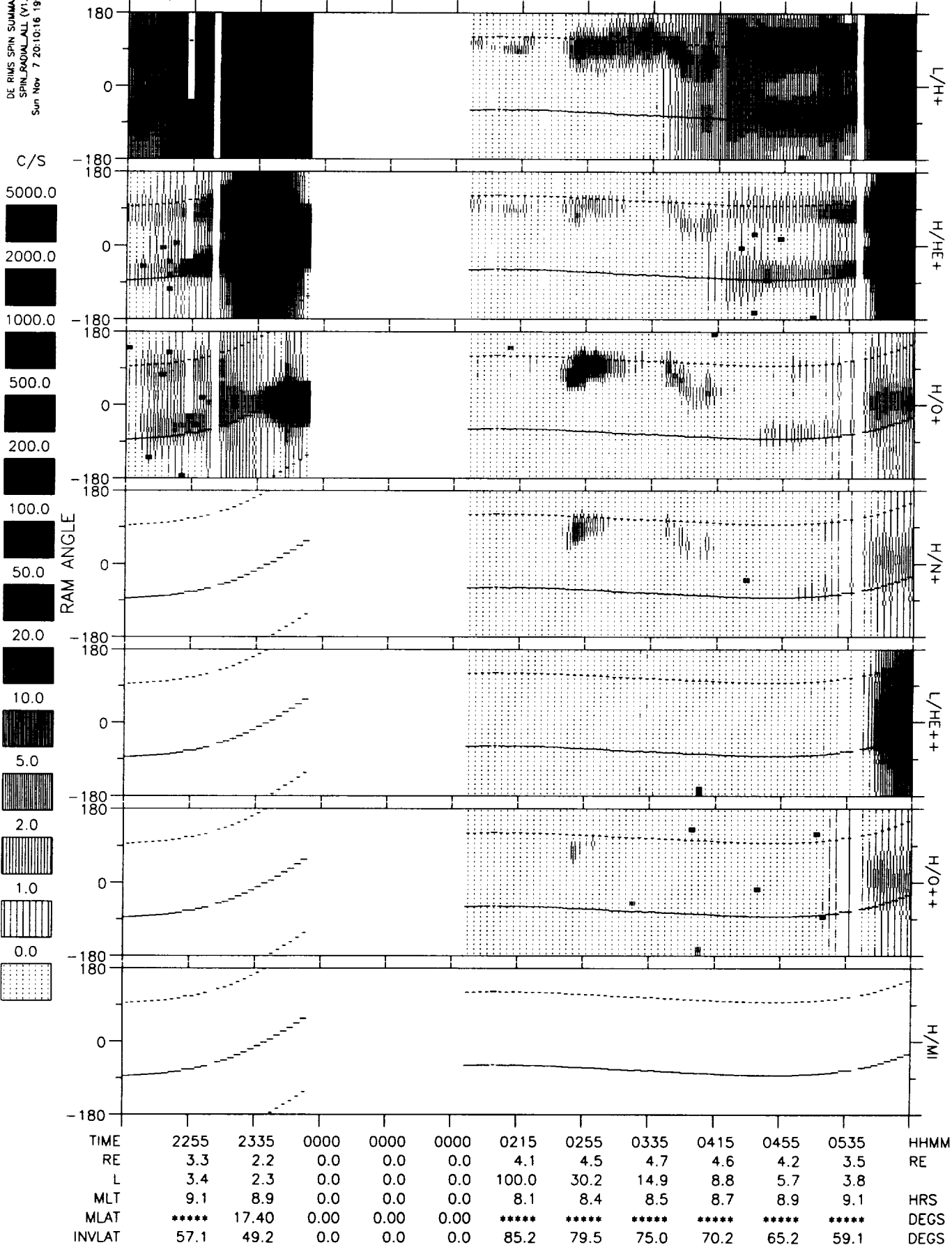
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Sun Nov 7 20:07:52 1993

82/291 18-OCT 1530:00 - 2330:00 HEAD= RL RPA= 0 to 1000 BIAS= A



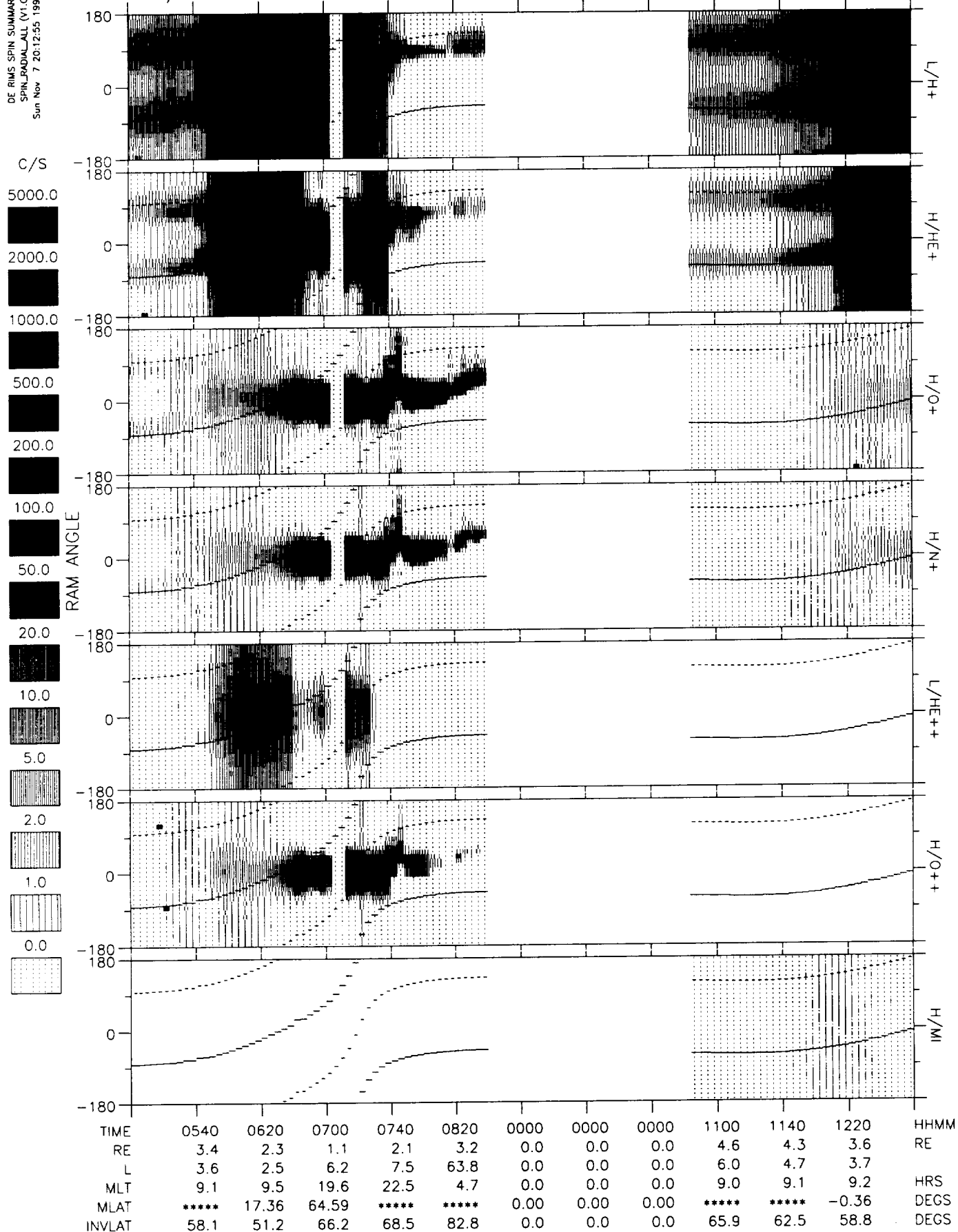
DE RIMS SPIN SUMMARY
SPINRADIAL ALL (V1.0)
Sun Nov 7 20:10:16 1993

82/291 18-OCT 2215:00 - 0615:00 HEAD= RL RPA= 0 to 1000 BIAS= A



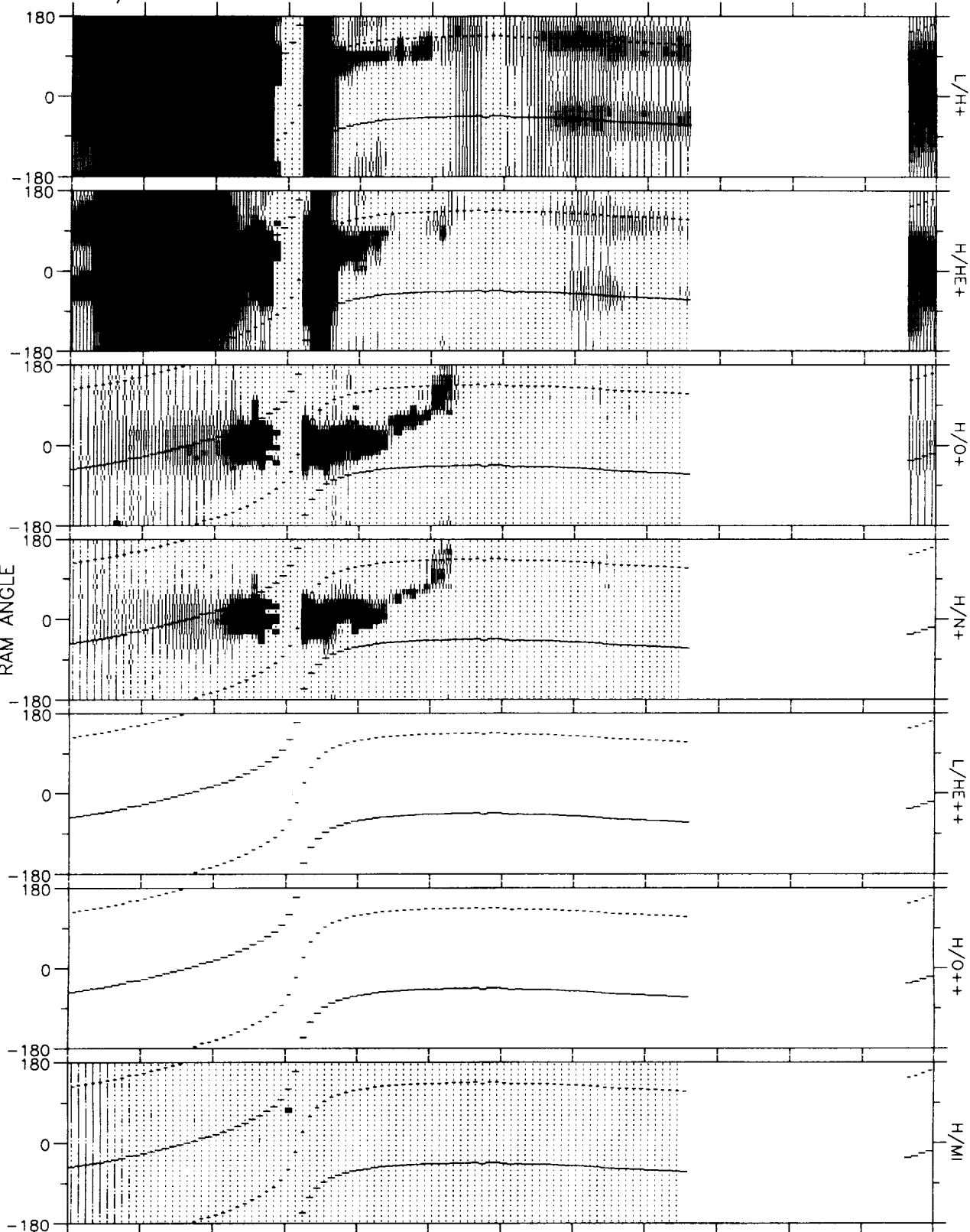
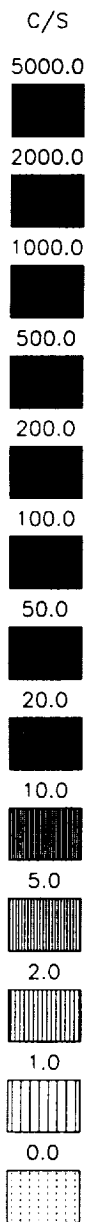
DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Sun Nov 7 20:12:55 1993

82/292 19-OCT 0500:00 - 1300:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Sun Nov 7 20:16:08 1993

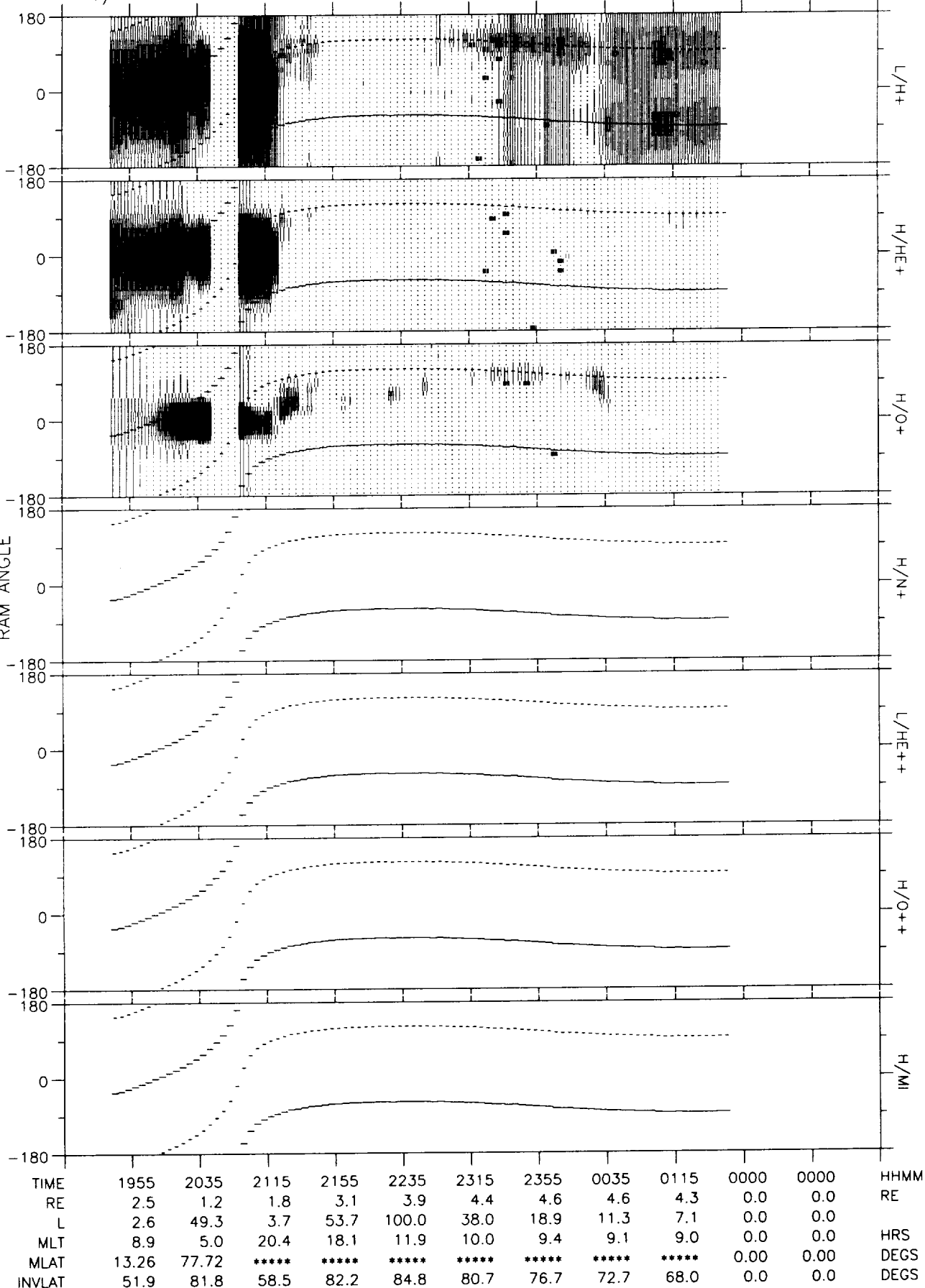
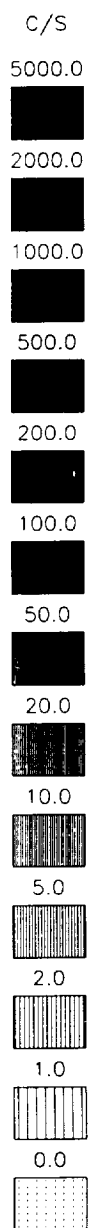
82/292 19-OCT 1200:00 - 2000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1240	1320	1400	1440	1520	1600	1640	1720	0000	0000	0000	HHMM
RE	3.2	2.0	1.1	2.4	3.4	4.1	4.5	4.7	0.0	0.0	0.0	RE
L	3.4	3.9	1.1	75.5	36.4	14.7	9.9	7.7	0.0	0.0	0.0	
MLT	9.2	9.2	21.2	19.9	10.4	9.9	9.8	9.7	0.0	0.0	0.0	HRS
MLAT	9.53	43.52	10.43	*****	*****	*****	*****	*****	0.00	0.00	0.00	DEGS
INVLAT	57.0	59.6	17.7	83.4	80.4	74.9	71.5	68.8	0.0	0.0	0.0	DEGS

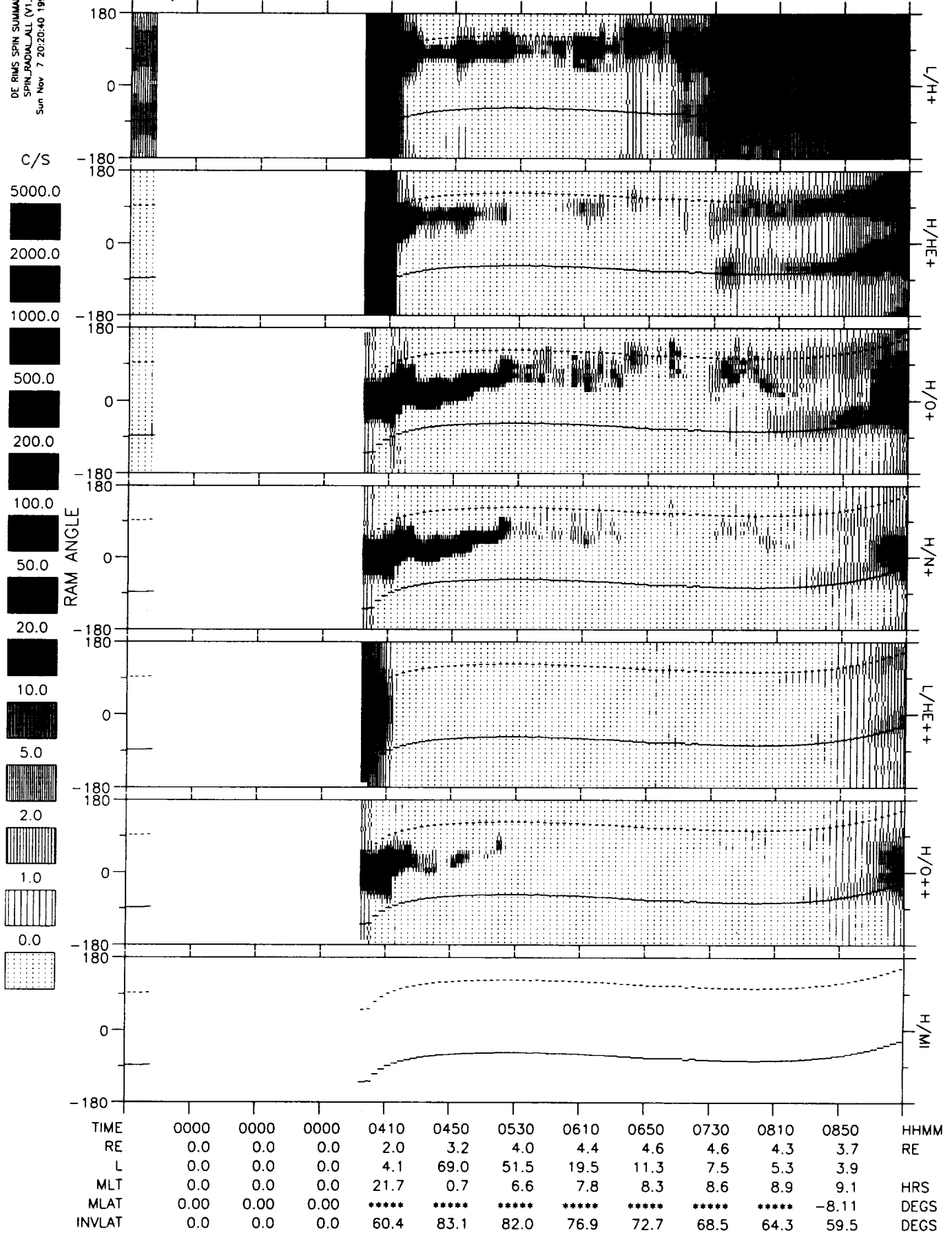
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Sun Nov 7 20:18:50 1993

82/292 19-OCT 1915:00 - 0315:00 HEAD= RL RPA= 0 to 1000 BIAS= A



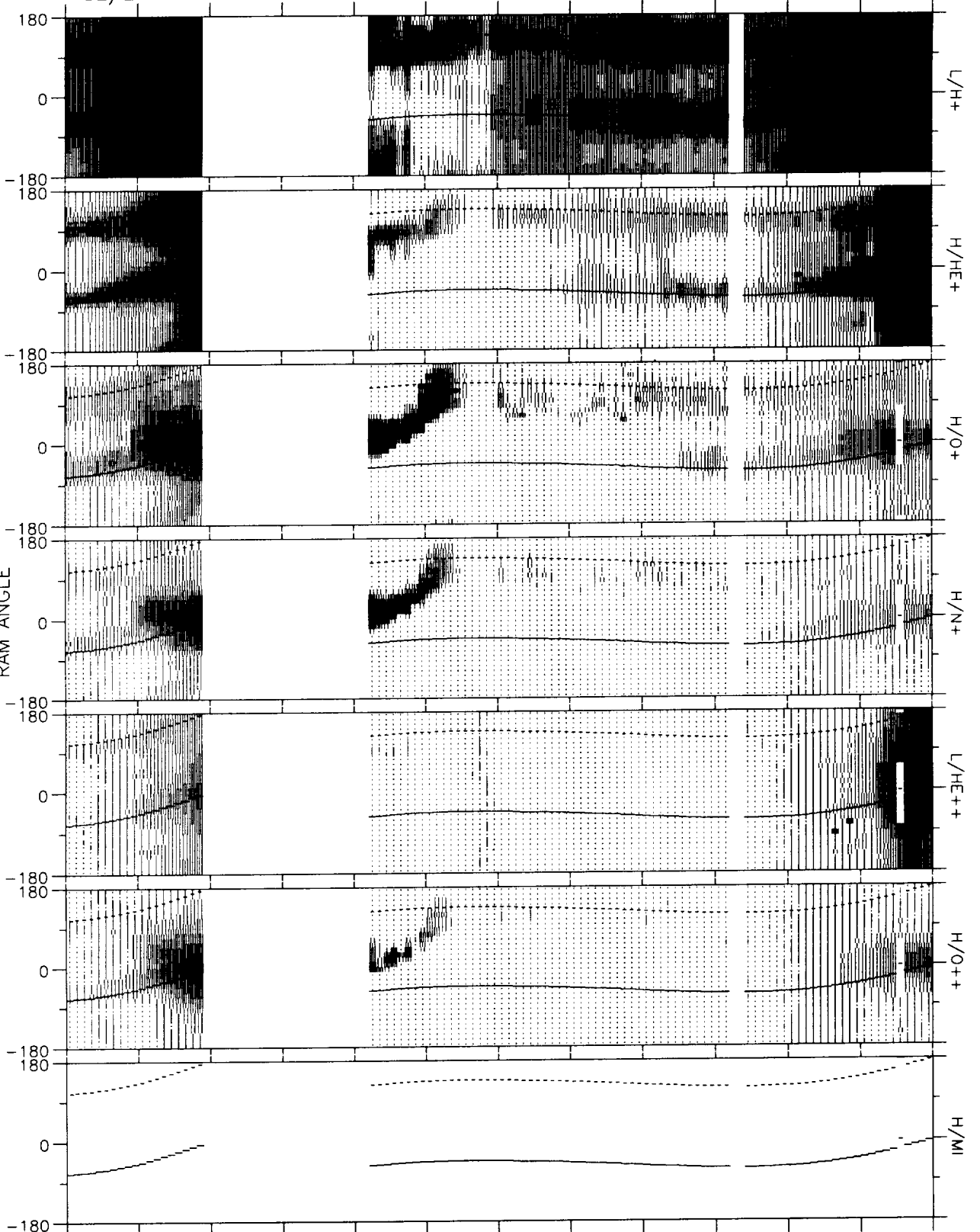
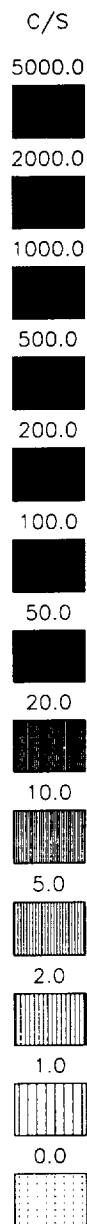
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Sun Nov 7 20:20:40 1993

82/293 20-OCT 0130:00 - 0930:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN RADIAL JALL (V1.0)
Sun Nov 7 20:24:38 1993

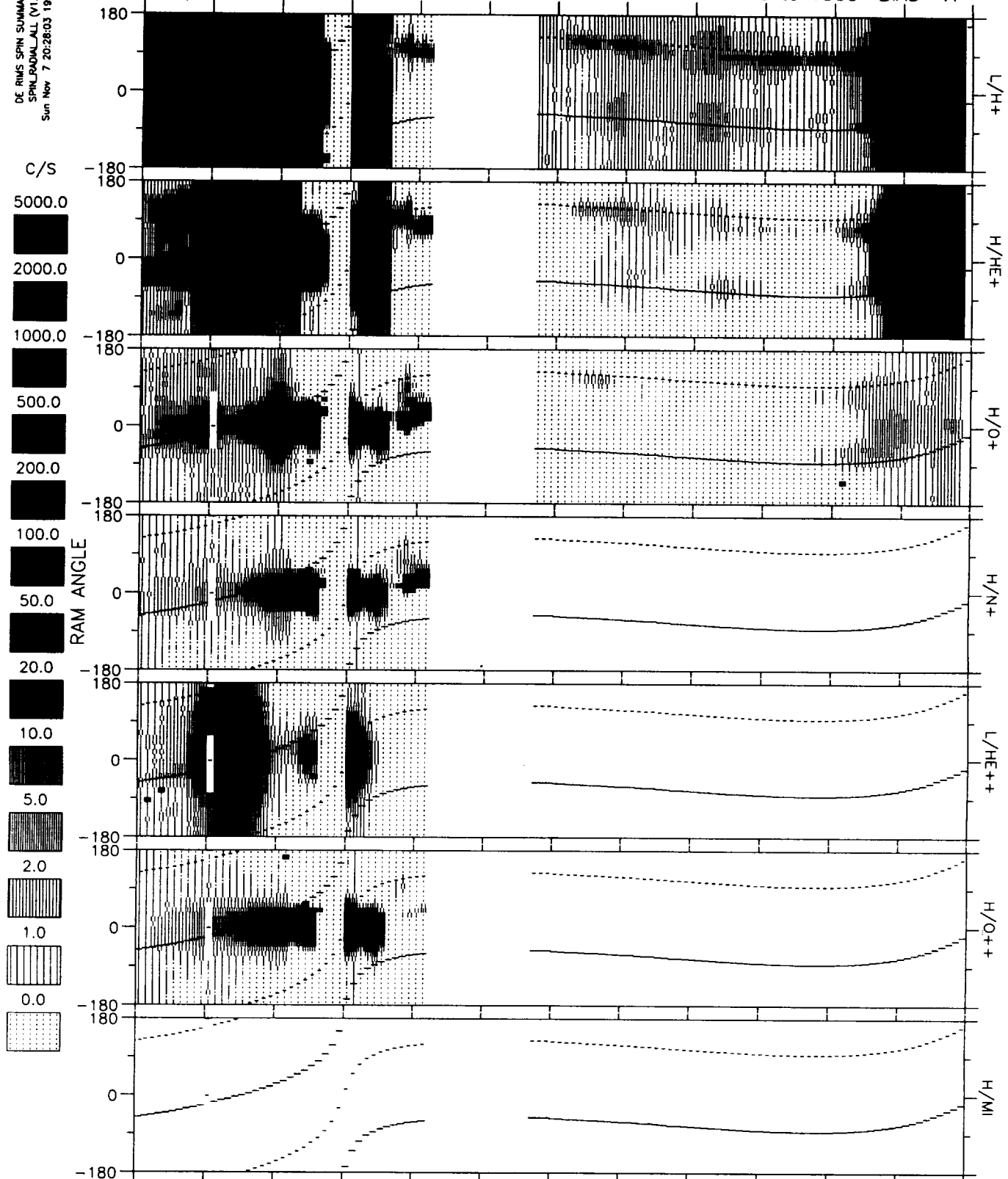
82/293 20-OCT 0830:00 - 1630:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0910	0000	0000	0000	1150	1230	1310	1350	1430	1510	1550	HHMM
RE	3.3	0.0	0.0	0.0	3.4	4.1	4.5	4.7	4.5	4.2	3.5	RE
L	3.3	0.0	0.0	0.0	39.3	14.0	9.1	6.9	5.5	4.4	3.5	
MLT	9.2	0.0	0.0	0.0	8.1	8.9	9.1	9.2	9.2	9.2	9.1	HRS
MLAT	2.04	0.00	0.00	0.00	*****	*****	*****	*****	*****	*****	0.82	DEGS
INVLAT	56.8	0.0	0.0	0.0	80.8	74.5	70.6	67.6	64.8	61.6	57.7	DEGS

DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Sun Nov 7 20:28:03 1993

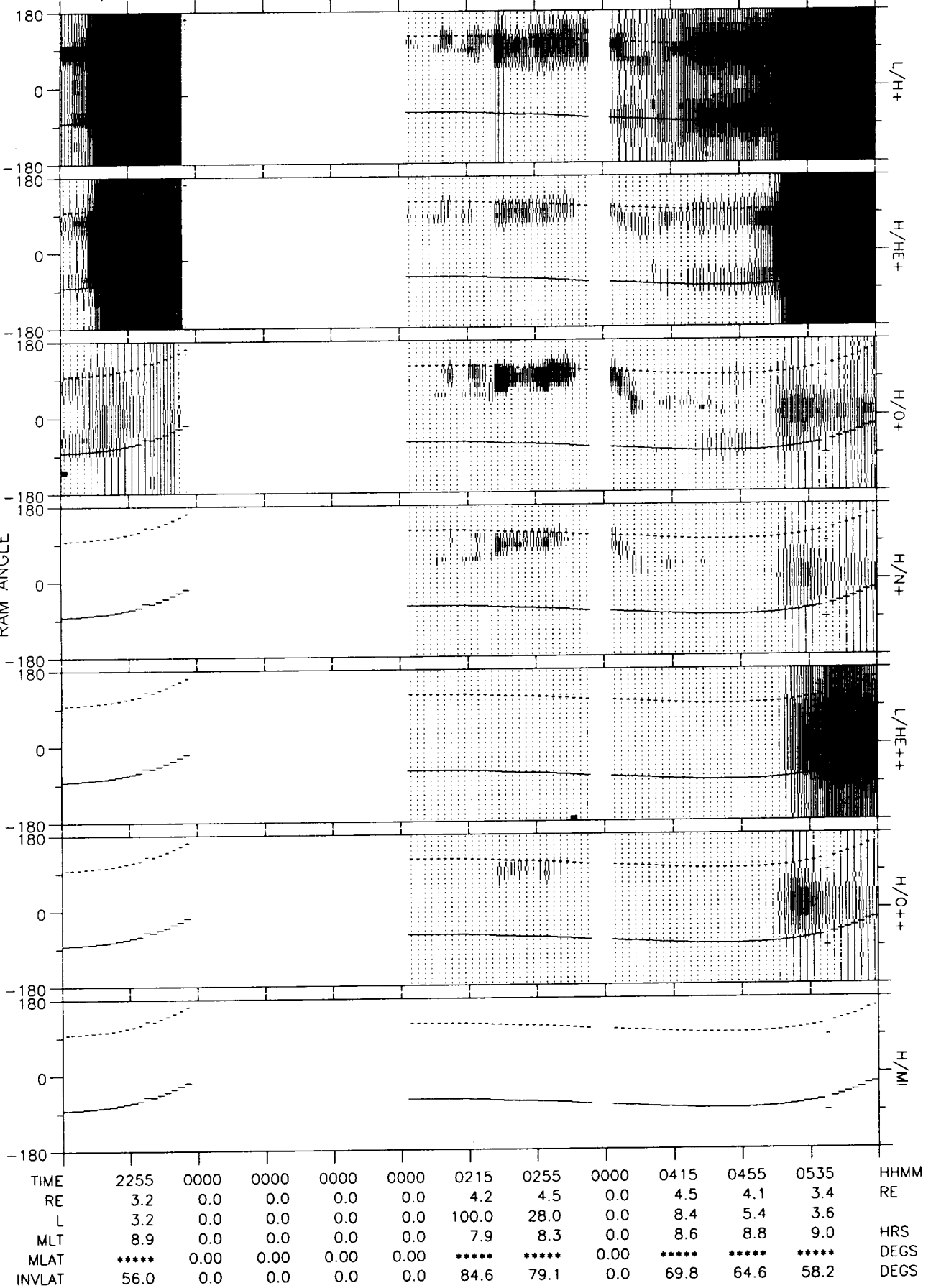
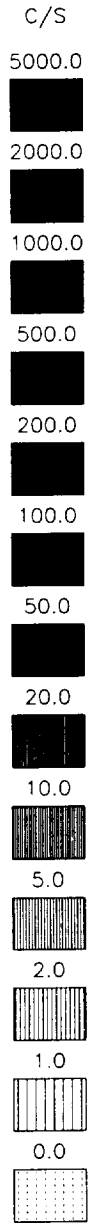
82/293 20-OCT 1530:00 - 2330:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1610	1650	1730	1810	0000	1930	2010	2050	2130	2210	2250	HHMM
RE	3.1	1.8	1.3	2.6	0.0	4.2	4.6	4.7	4.5	4.0	3.3	RE
L	3.2	4.2	1.4	33.7	0.0	22.5	14.5	10.3	7.4	5.2	3.4	
MLT	9.0	8.4	20.9	18.1	0.0	10.6	10.1	9.7	9.4	9.2	9.0	HRS
MLAT	8.91	49.52	*****	*****	0.00	*****	*****	*****	*****	*****	*****	DEGS
INVLAT	56.0	60.8	30.8	80.1	0.0	77.8	74.8	71.8	68.5	64.0	57.1	DEGS

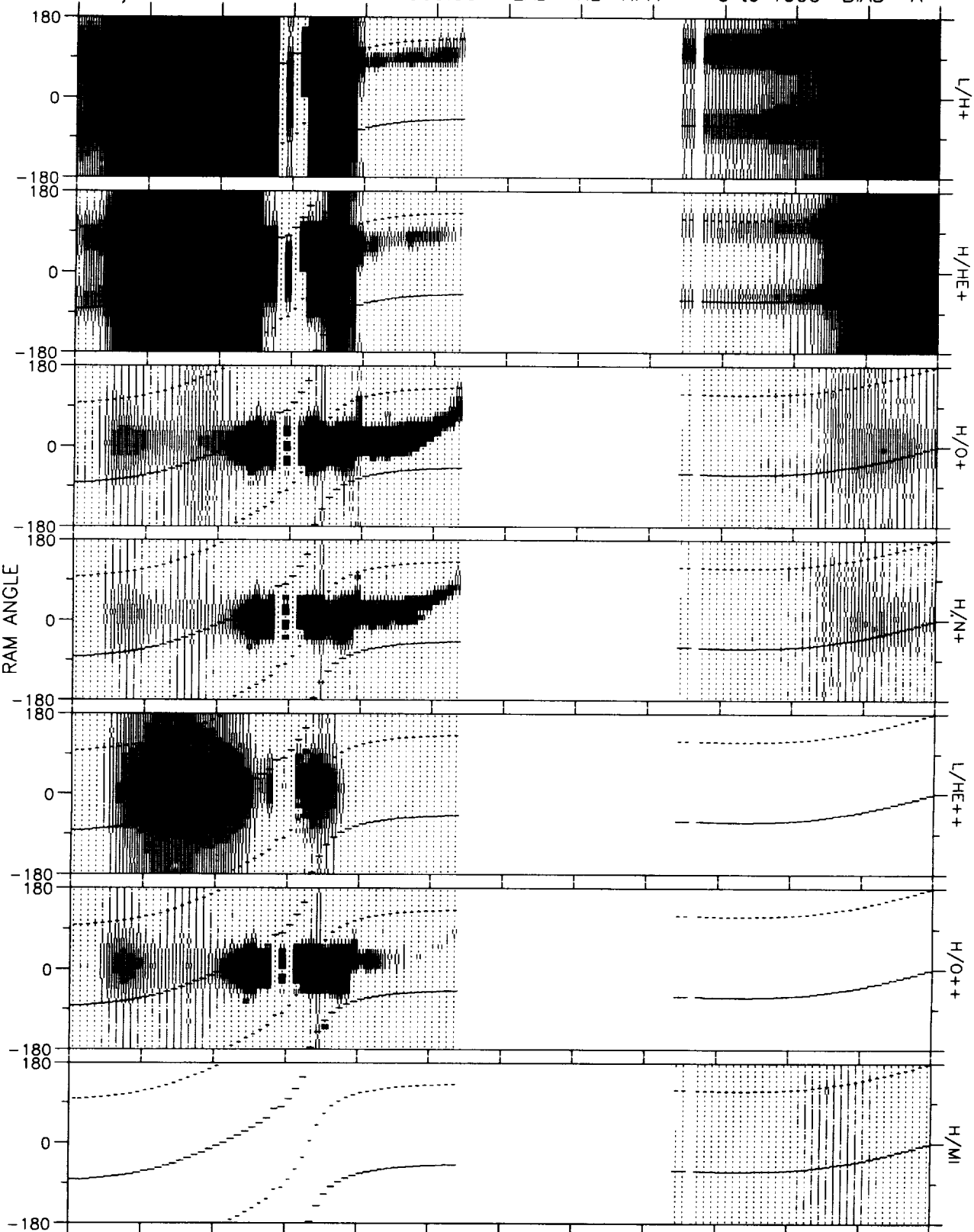
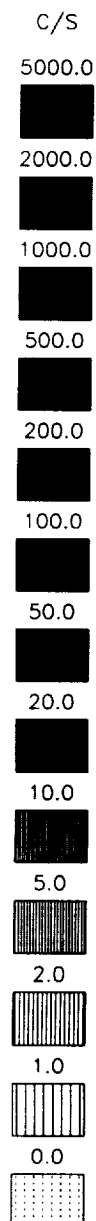
DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Sun Nov 7 20:31:11 1993

82/293 20-OCT 2215:00 - 0615:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Sun Nov 7 20:33:55 1993

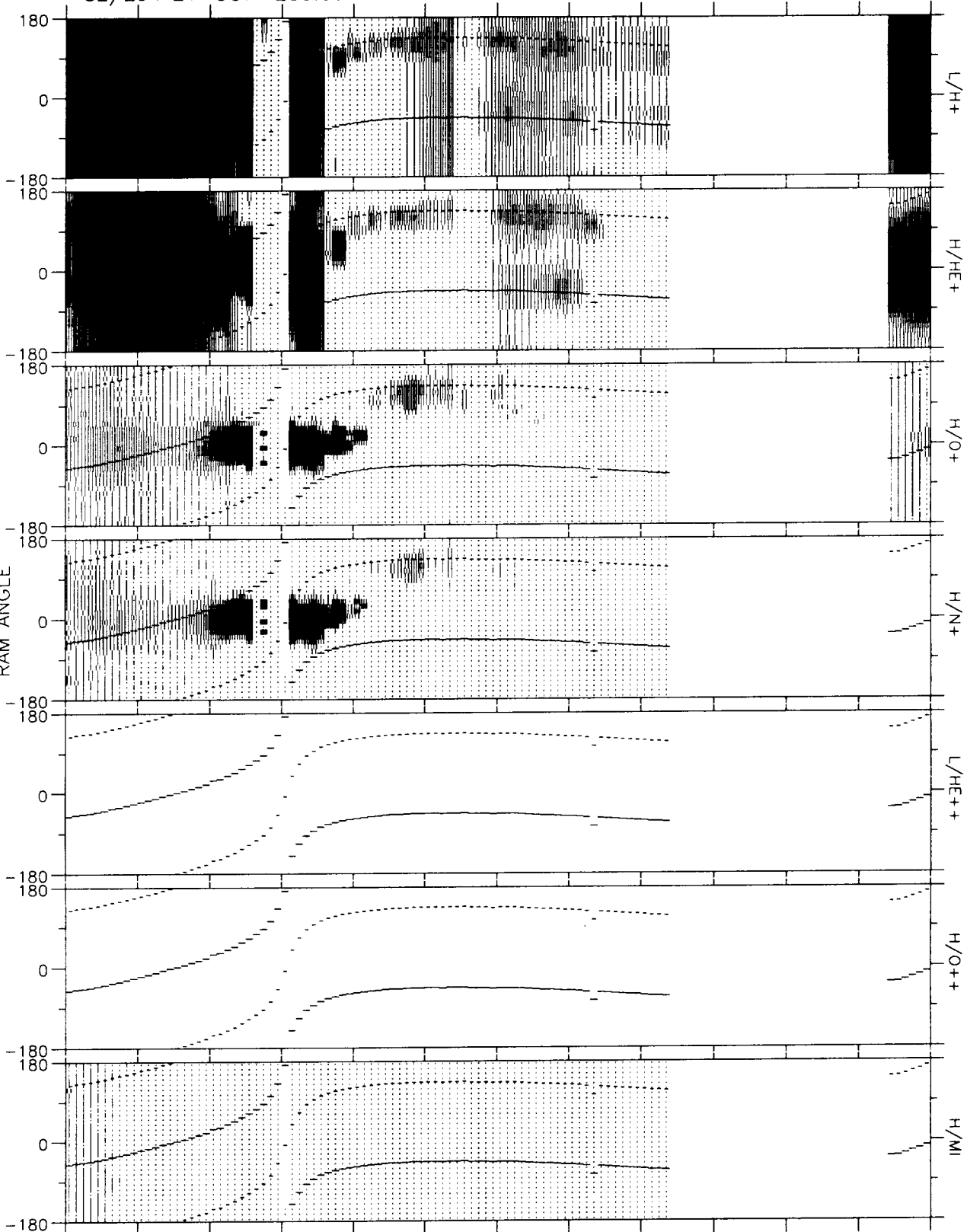
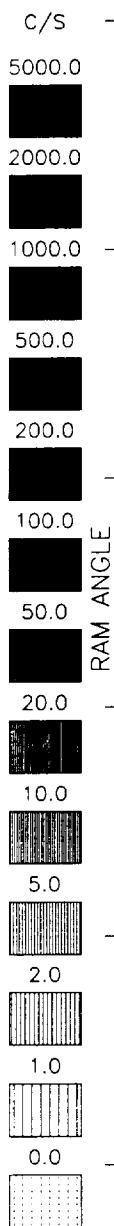
82/294 21-OCT 0500:00 - 1300:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0540	0620	0700	0740	0820	0000	0000	0000	1100	1140	1220	HHMM
RE	3.3	2.2	1.1	2.2	3.3	0.0	0.0	0.0	4.6	4.2	3.5	RE
L	3.4	2.5	1.8	11.5	57.5	0.0	0.0	0.0	5.9	4.6	3.6	
MLT	9.0	9.5	20.5	22.8	5.3	0.0	0.0	0.0	8.9	9.0	9.1	HRS
MLAT	-9.16	22.87	41.09	*****	*****	0.00	0.00	0.00	*****	*****	1.42	DEGS
INVLAT	57.2	50.8	42.7	72.9	82.4	0.0	0.0	0.0	65.6	62.1	58.2	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Sun Nov 7 20:37:12 1993

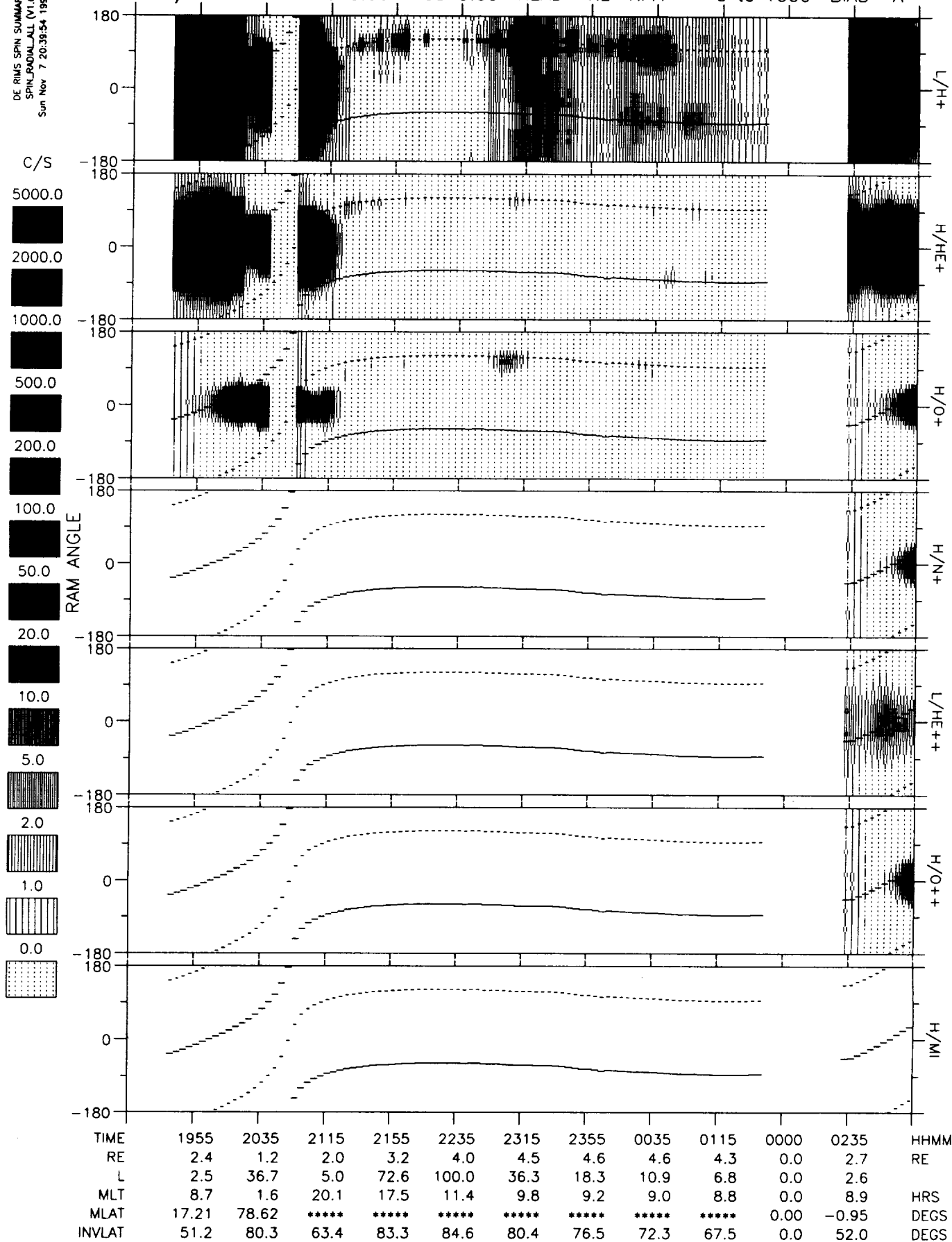
82/294 21-OCT 1200:00 - 2000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1240	1320	1400	1440	1520	1600	1640	1720	0000	0000	0000	HHMM
RE	3.1	1.9	1.1	2.5	3.5	4.2	4.6	4.7	0.0	0.0	0.0	RE
L	3.3	4.6	1.1	100.0	31.9	14.3	9.8	7.6	0.0	0.0	0.0	
MLT	9.1	9.1	21.1	18.8	10.2	9.8	9.7	9.6	0.0	0.0	0.0	HRS
MLAT	12.00	50.83	5.25	*****	*****	*****	*****	*****	0.00	0.00	0.00	DEGS
INVLAT	56.5	62.3	15.6	85.6	79.8	74.6	71.4	68.7	0.0	0.0	0.0	DEGS

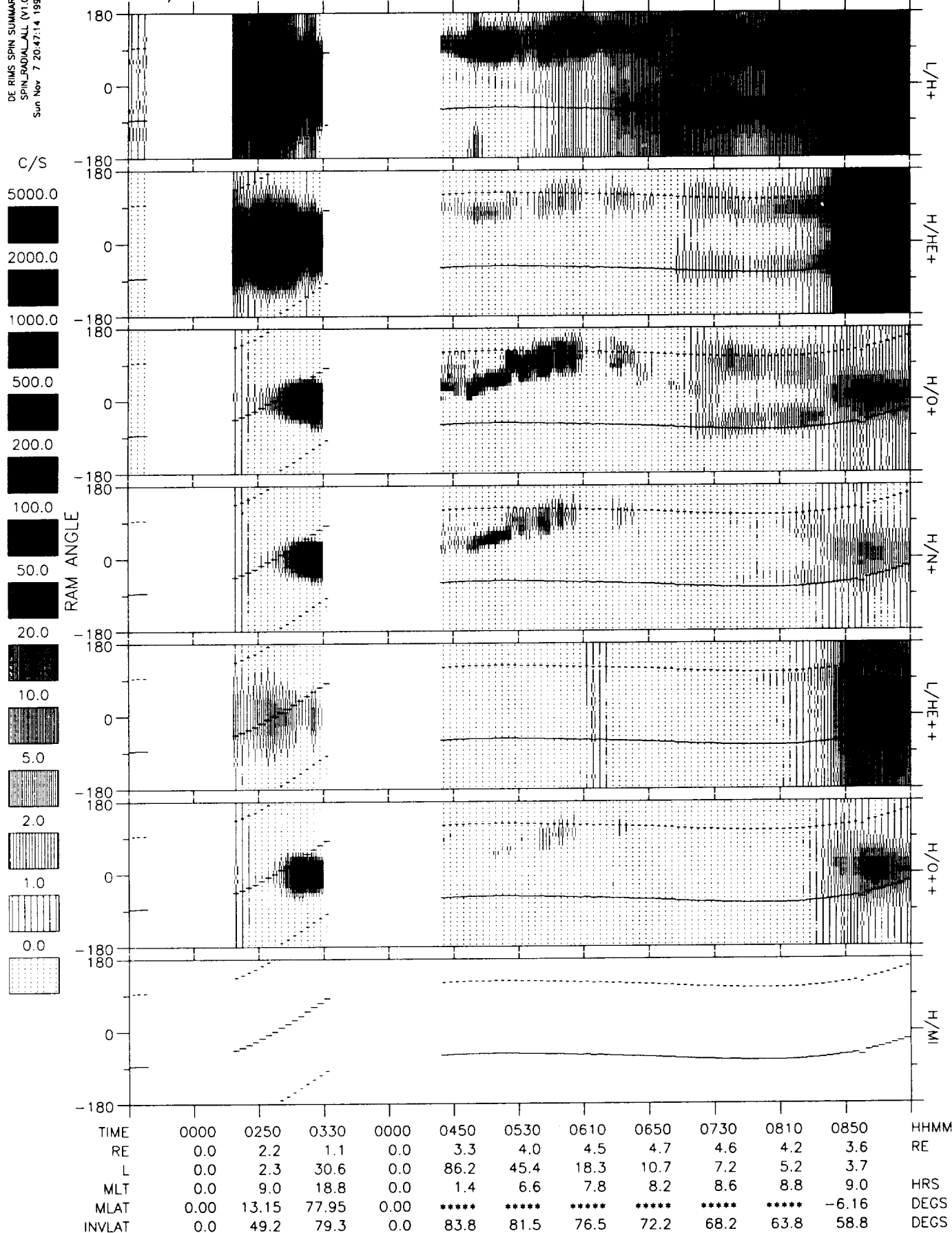
DE RIMS SPIN SUMMARY
SPINRADIAL.ALL (V1.0)
Sun Nov 7 20:39:54 1993

82/294 21-OCT 1915:00 - 0315:00 HEAD= RL RPA= 0 to 1000 BIAS= A



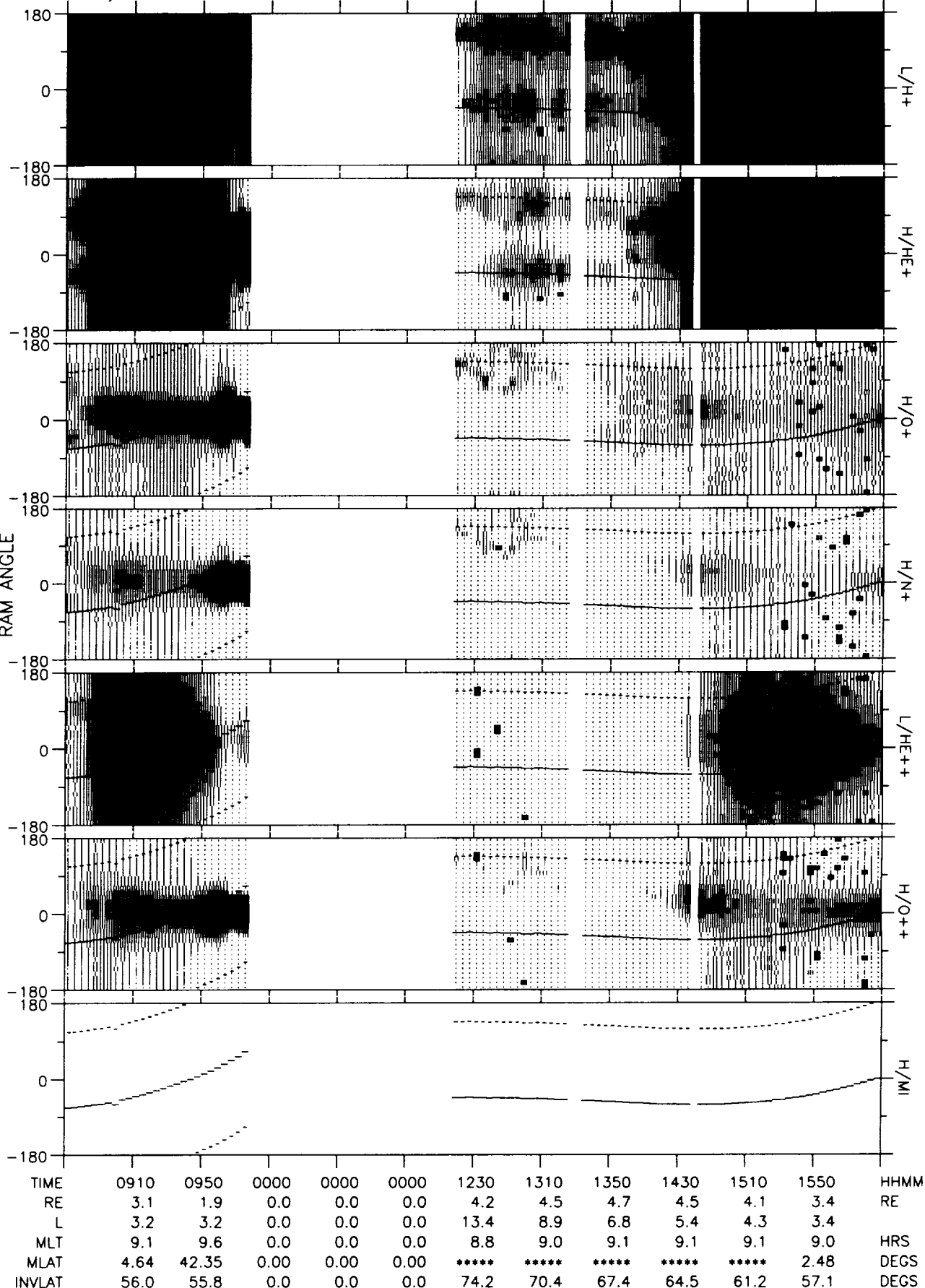
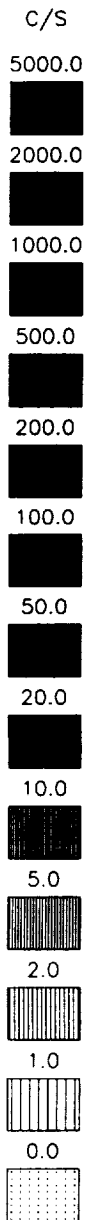
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Sun Nov 7 20:47:14 1993

82/295 22-OCT 0130:00 - 0930:00 HEAD= RL RPA= 0 to 1000 BIAS= A



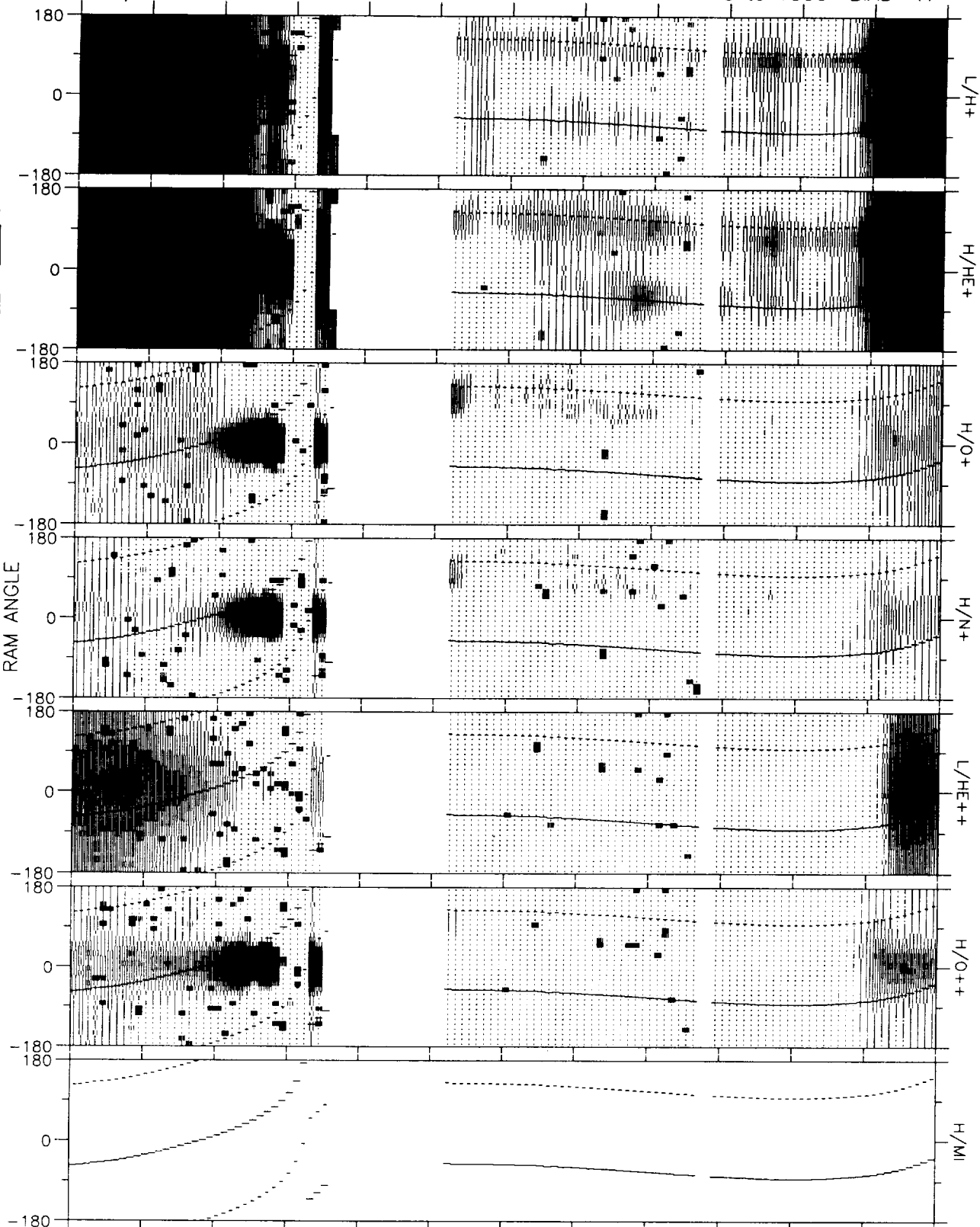
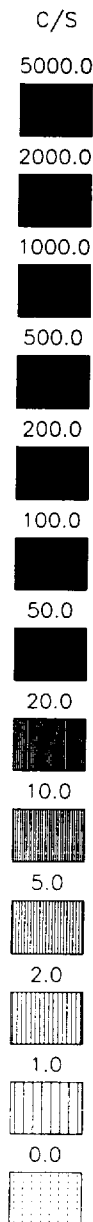
DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Sun Nov 7 20:50:14 1993

82/295 22-OCT 0830:00 - 1630:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Sun Nov 7 20:54:04 1993

82/295 22-OCT 1515:00 - 2315:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1555	1635	1715	0000	0000	1915	1955	2035	2115	2155	2235	HHMM
RE	3.3	2.1	1.1	0.0	0.0	4.1	4.5	4.7	4.5	4.2	3.5	RE
L	3.3	3.1	1.4	0.0	0.0	27.4	16.5	11.5	8.2	5.8	3.8	
MLT	8.9	8.6	21.3	0.0	0.0	10.8	10.1	9.7	9.4	9.1	8.9	HRS
MLAT	4.84	34.97	27.42	0.00	0.00	*****	*****	*****	*****	*****	*****	DEGS
INVLAT	56.6	55.6	31.6	0.0	0.0	79.0	75.8	72.9	69.6	65.4	59.2	DEGS

DE RIMS SPIN SUMMARY
SPINRADIAL_ALL (V1.0)
Sun Nov 7 20:57:34 1993

82/295 22-OCT 2200:00 - 0600:00 HEAD= RL RPA= 0 to 1000 BIAS= A

C/S

5000.0

2000.0

1000.0

500.0

200.0

100.0

50.0

20.0

10.0

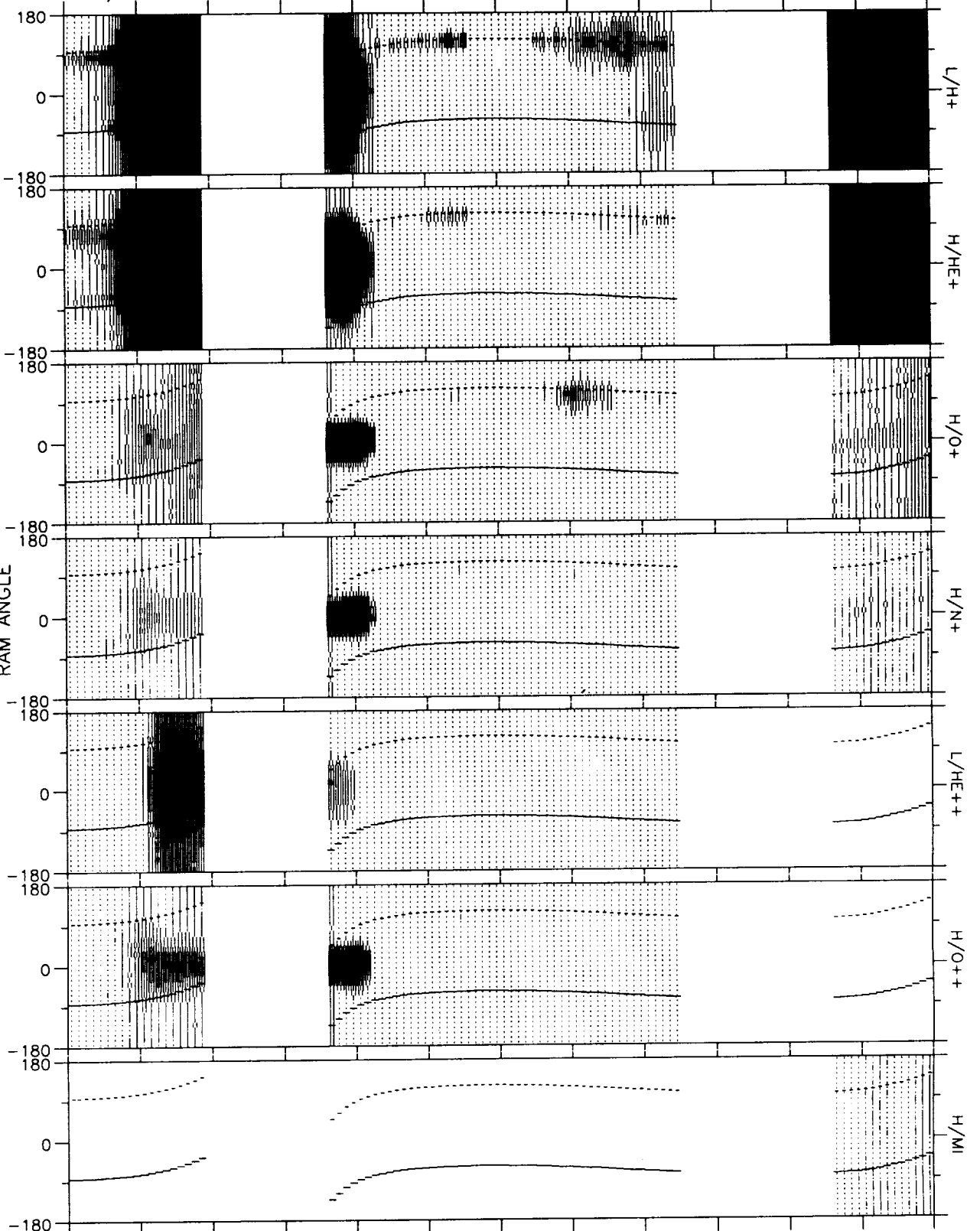
5.0

2.0

1.0

0.0

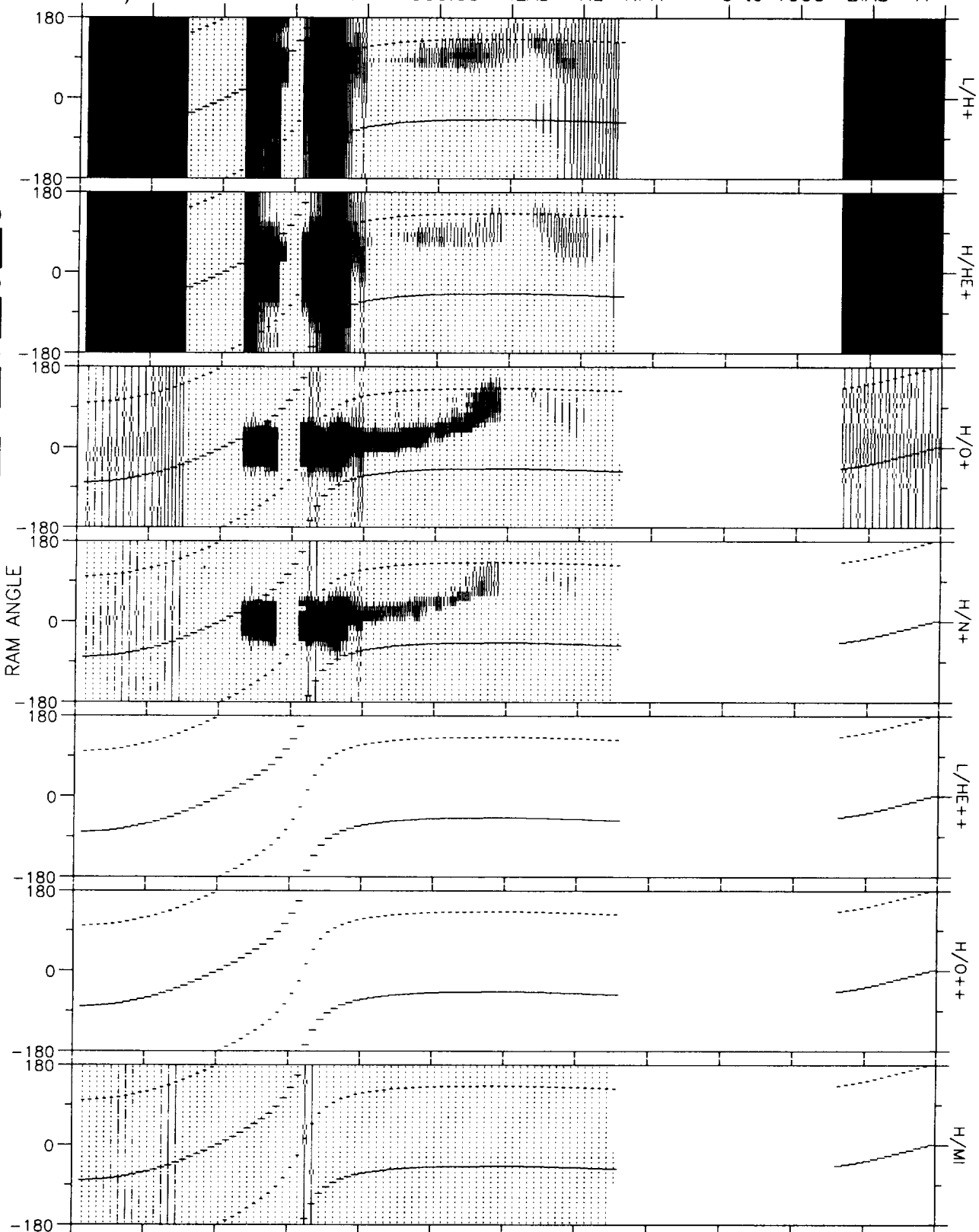
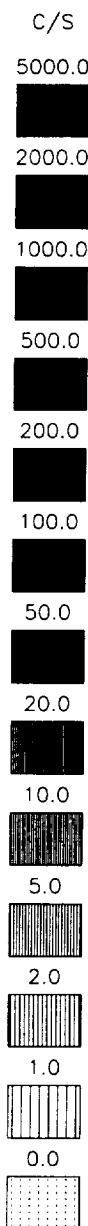
RAM ANGLE



TIME	2240	0000	0000	0040	0120	0200	0240	0320	0000	0000	0520	HHMM
RE	3.4	0.0	0.0	2.1	3.3	4.0	4.5	4.7	0.0	0.0	3.6	RE
L	3.6	0.0	0.0	4.5	84.7	100.0	37.4	16.5	0.0	0.0	4.0	
MLT	8.9	0.0	0.0	20.6	21.0	7.4	8.0	8.2	0.0	0.0	8.8	HRS
MLAT	*****	0.00	0.00	*****	*****	*****	*****	*****	0.00	0.00	*****	DEGS
INVLAT	58.2	0.0	0.0	61.8	83.8	86.7	80.6	75.8	0.0	0.0	60.0	DEGS

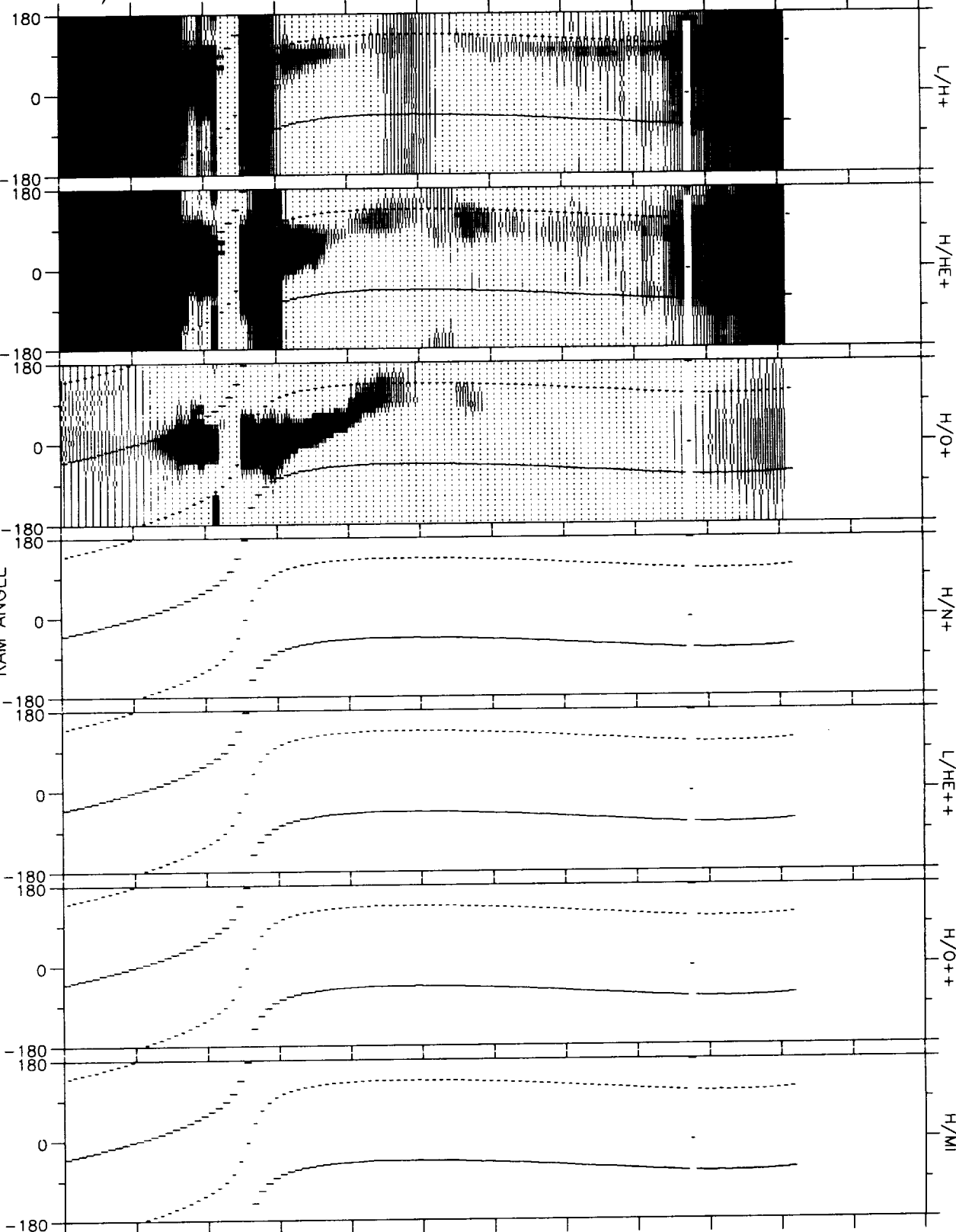
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Sun Nov 7 21:00:16 1993

82/296 23-OCT 0500:00 - 1300:00 HEAD= RL RPA= 0 to 1000 BIAS= A



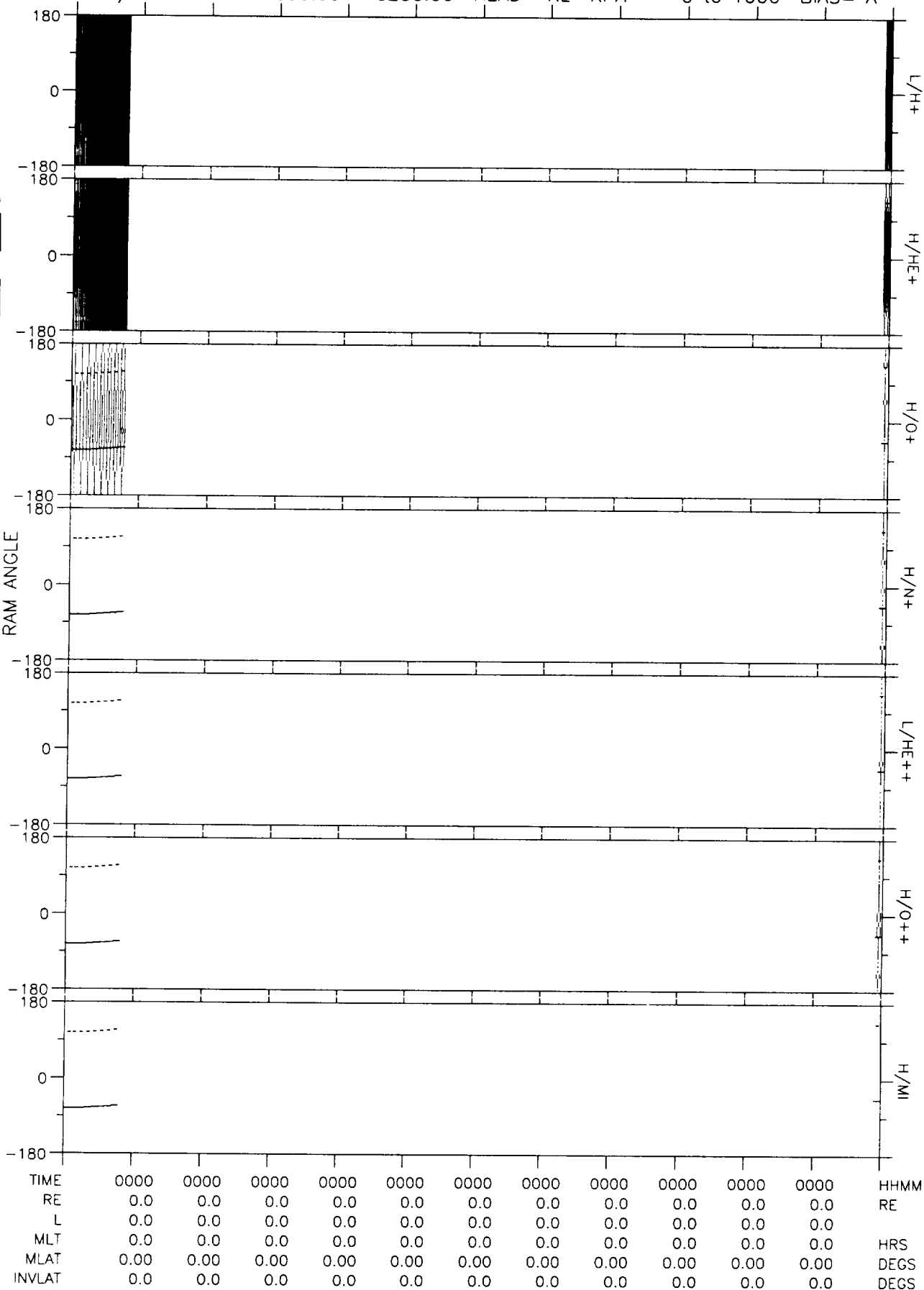
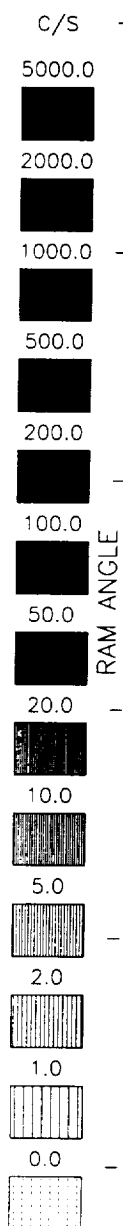
TIME	0540	0620	0700	0740	0820	0900	0940	0000	0000	0000	1220	HHMM
RE	3.2	2.0	1.1	2.4	3.5	4.1	4.5	0.0	0.0	0.0	3.4	RE
L	3.2	2.5	1.2	17.6	50.9	18.4	10.8	0.0	0.0	0.0	3.5	
MLT	8.9	9.5	20.8	23.0	5.7	7.7	8.3	0.0	0.0	0.0	9.0	HRS
MLAT	-6.63	29.37	17.49	*****	*****	*****	*****	0.00	0.00	0.00	3.40	DEGS
INVLAT	56.3	51.2	25.7	76.2	81.9	76.5	72.2	0.0	0.0	0.0	57.7	DEGS

82/296 23-OCT 1215:00 - 2015:00 HEAD= RL RPA= 0 to 1000 BIAS= A



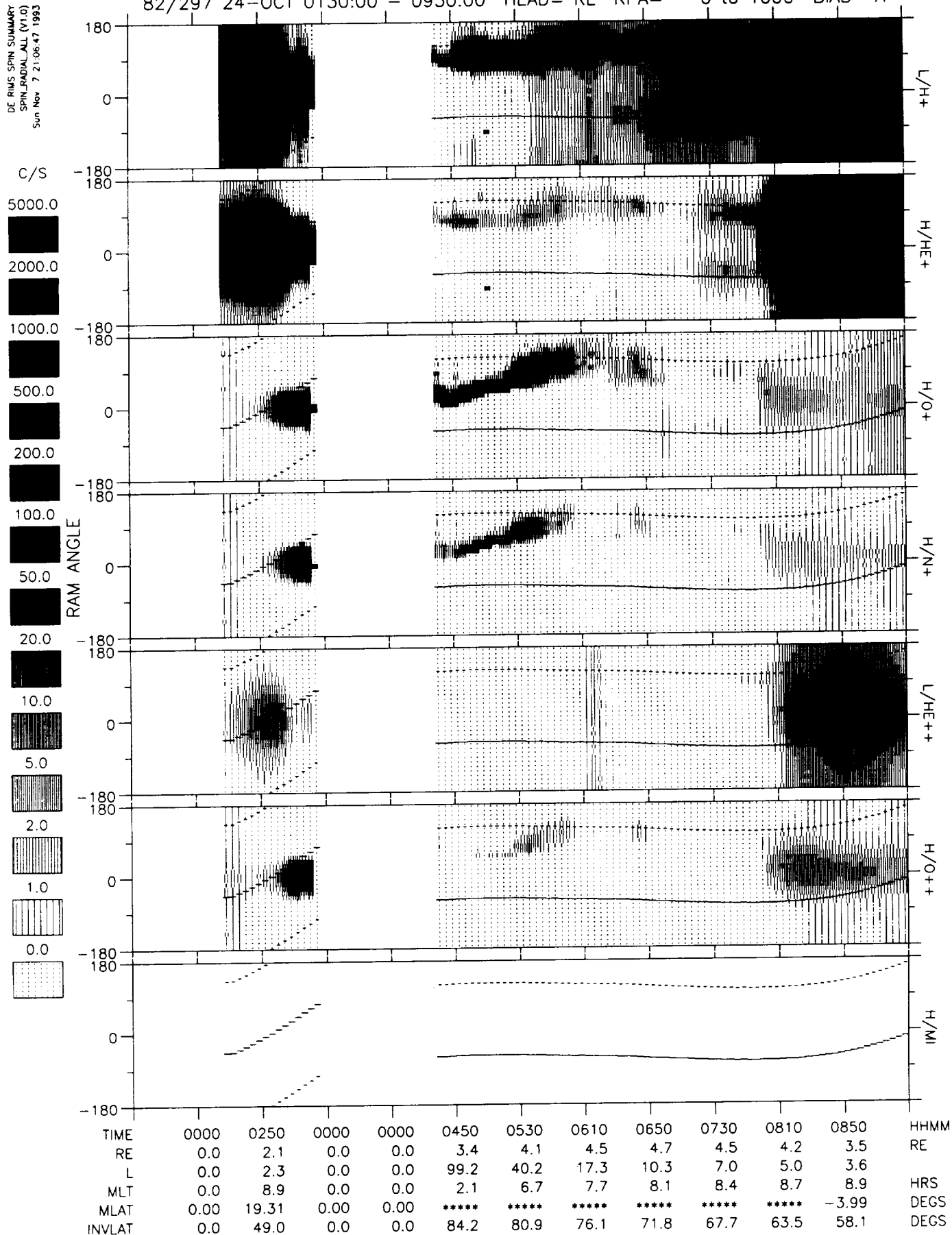
TIME	1255	1335	1415	1455	1535	1615	1655	1735	1815	1855	0000	HHMM
RE	2.5	1.2	1.9	3.1	3.9	4.4	4.6	4.6	4.3	3.7	0.0	RE
L	3.2	42.3	8.2	100.0	20.1	11.9	8.8	6.8	5.3	4.0	0.0	
MLT	9.0	21.3	20.6	11.1	9.9	9.6	9.5	9.4	9.2	9.0	0.0	HRS
MLAT	26.37	76.86	*****	*****	*****	*****	*****	*****	*****	*****	0.00	DEGS
INVLAT	55.9	80.9	69.6	84.3	77.1	73.2	70.3	67.5	64.3	59.8	0.0	DEGS

82/296 23-OCT 1830:00 - 0230:00 HEAD= RL RPA= 0 to 1000 BIAS= A



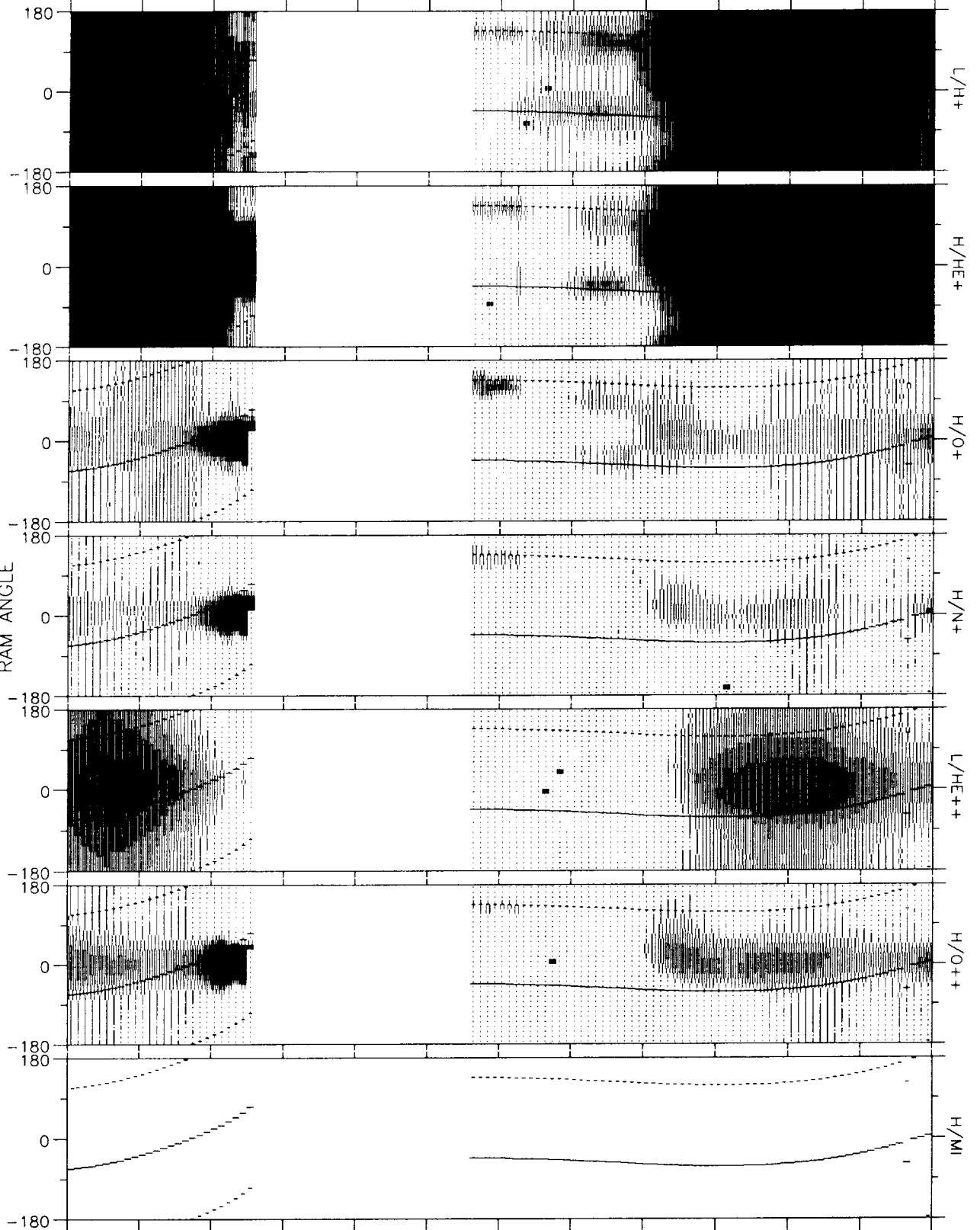
DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Sun Nov 7 21:06:47 1993

82/297 24-OCT 0130:00 - 0930:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Sun Nov 7 22:46:46 1993

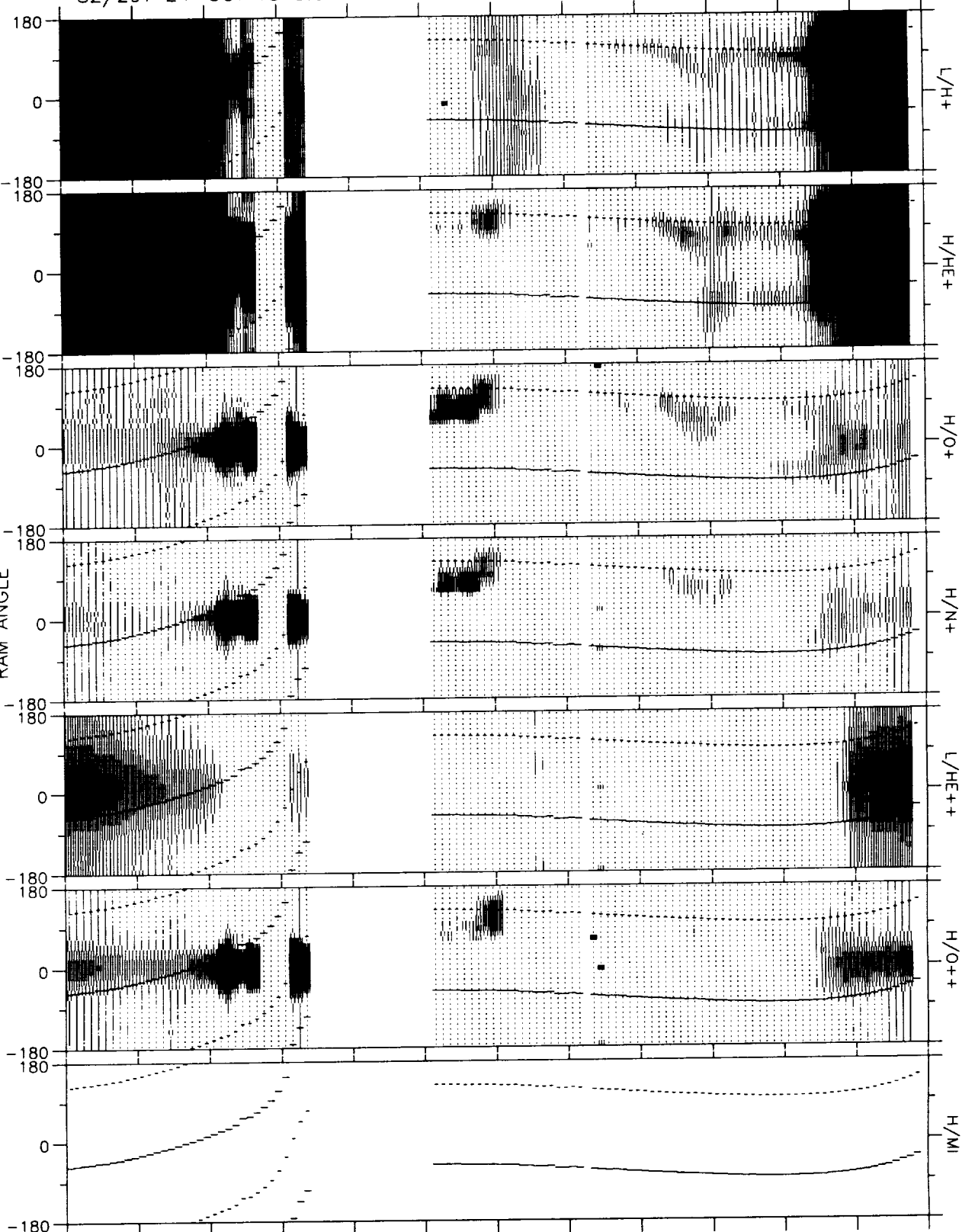
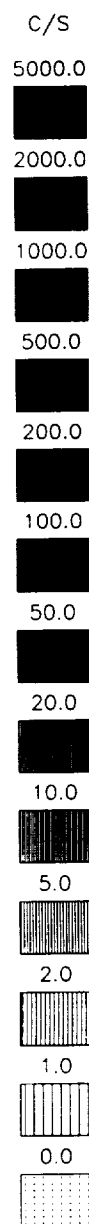
82/297 24-OCT 0830:00 - 1630:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0910	0950	0000	0000	0000	1230	1310	1350	1430	1510	1550	HHMM
RE	3.0	1.7	0.0	0.0	0.0	4.2	4.6	4.7	4.5	4.0	3.3	RE
L	3.1	3.8	0.0	0.0	0.0	12.9	8.7	6.7	5.3	4.2	3.3	
MLT	9.1	9.7	0.0	0.0	0.0	8.7	8.9	9.0	9.0	9.0	8.8	HRS
MLAT	7.61	51.08	0.00	0.00	0.00	*****	*****	*****	*****	*****	4.31	DEGS
INVLAT	55.2	59.0	0.0	0.0	0.0	73.9	70.2	67.2	64.2	60.8	56.5	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Sun Nov 7 22:50:41 1993

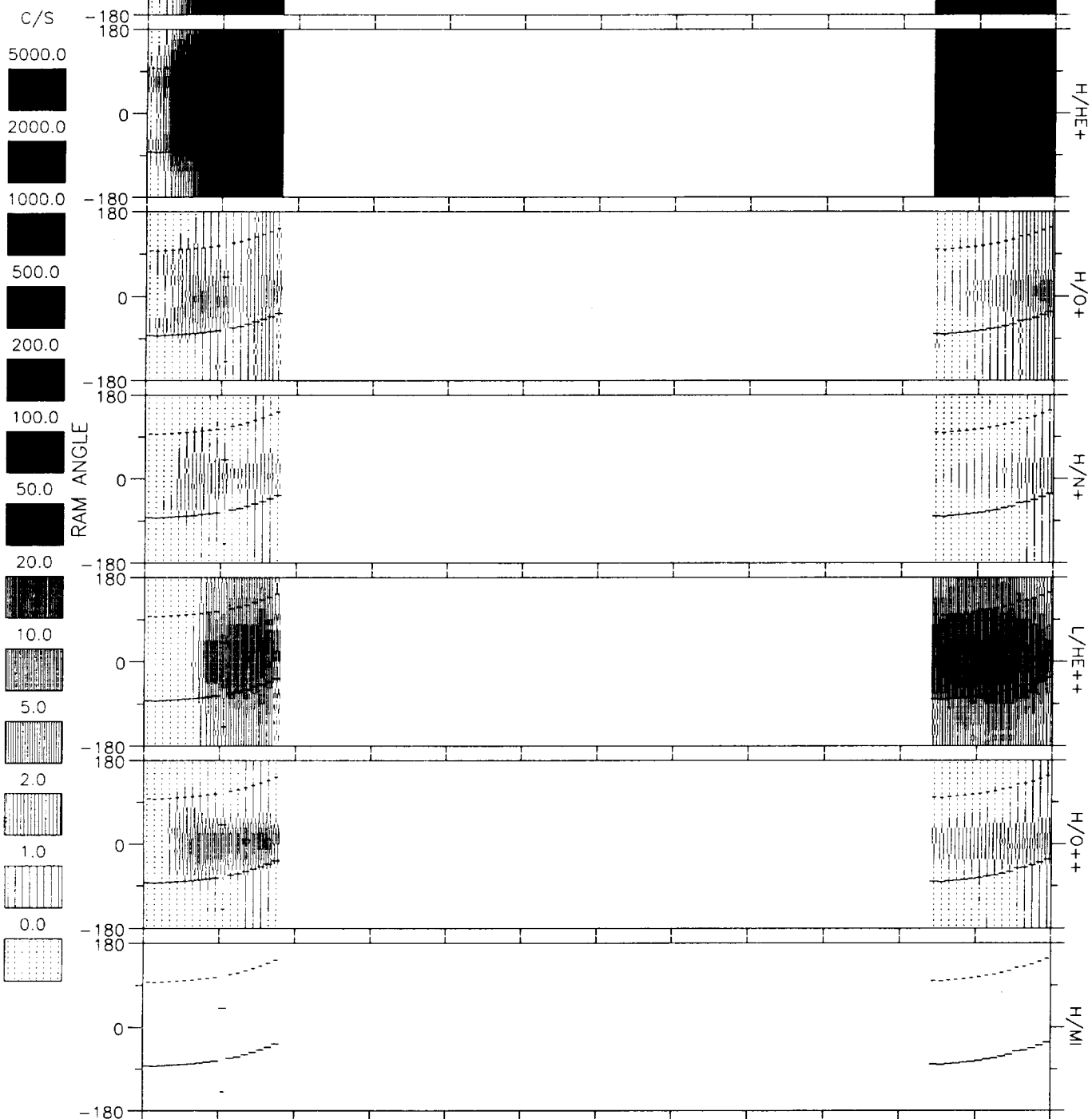
82/297 24-OCT 1515:00 - 2315:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1555	1635	1715	0000	0000	1915	1955	2035	2115	2155	2235	HHMM
RE	3.1	1.9	1.2	0.0	0.0	4.2	4.5	4.7	4.5	4.1	3.4	RE
L	3.2	3.4	1.1	0.0	0.0	26.6	16.4	11.4	8.1	5.6	3.6	
MLT	8.8	8.3	20.9	0.0	0.0	10.6	9.9	9.5	9.2	8.9	8.7	HRS
MLAT	6.94	41.41	4.53	0.00	0.00	*****	*****	*****	*****	*****	*****	DEGS
INVLAT	55.9	57.2	20.6	0.0	0.0	78.8	75.7	72.7	69.4	64.9	58.3	DEGS

DE RIMS SPIN SUMMARY
SPIN RADIALALL (V1.0)
Sun Nov 7 23:05:25 1993

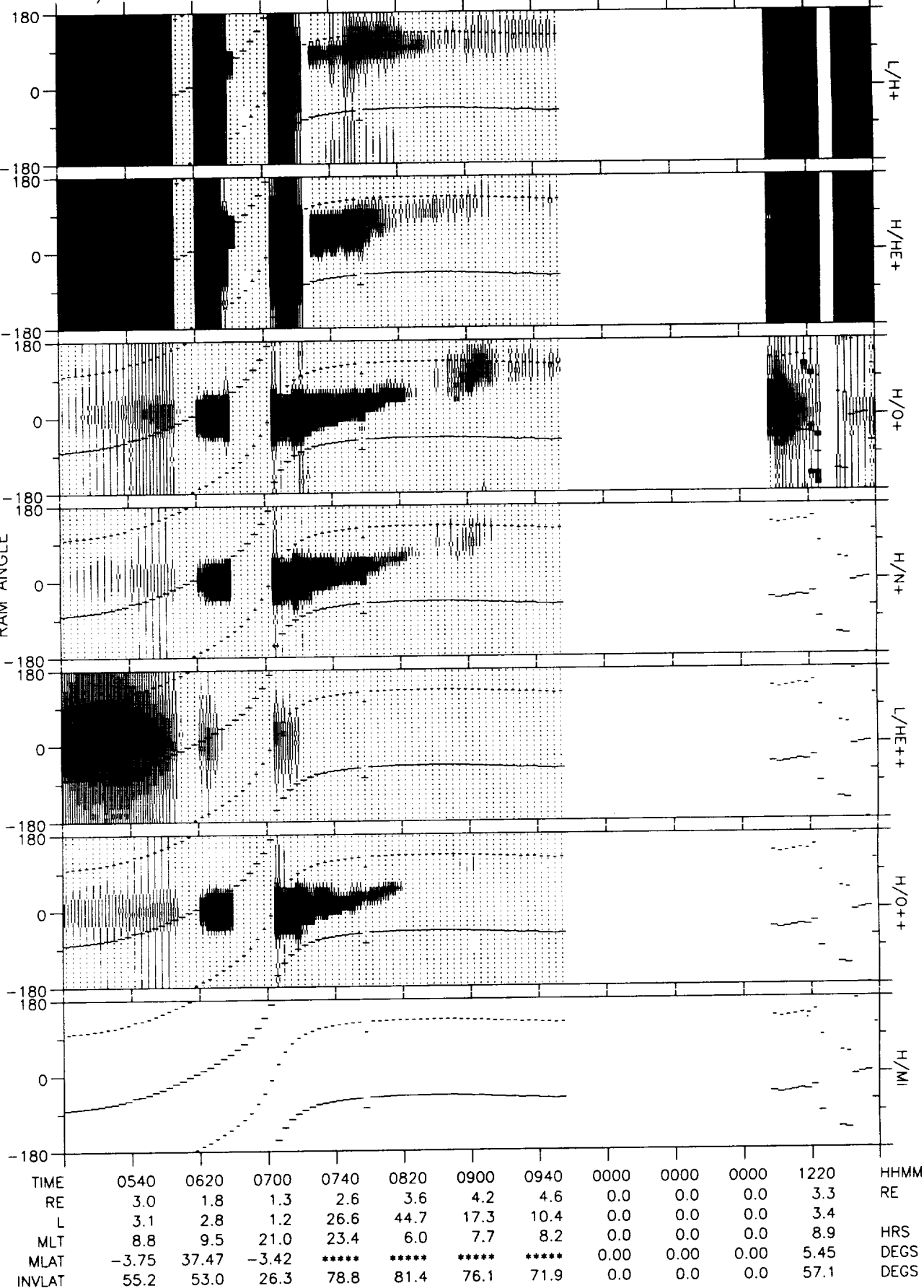
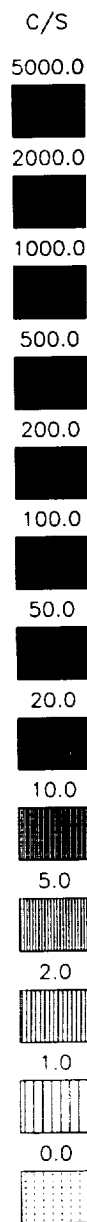
82/297 24-OCT 2200:00 - 0600:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	2240	0000	0000	0000	0000	0000	0000	0000	0000	0000	0520	HHMM
RE	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	RE
L	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	
MLT	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	HRS
MLAT	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*****	DEGS
INVLAT	57.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.1	DEGS

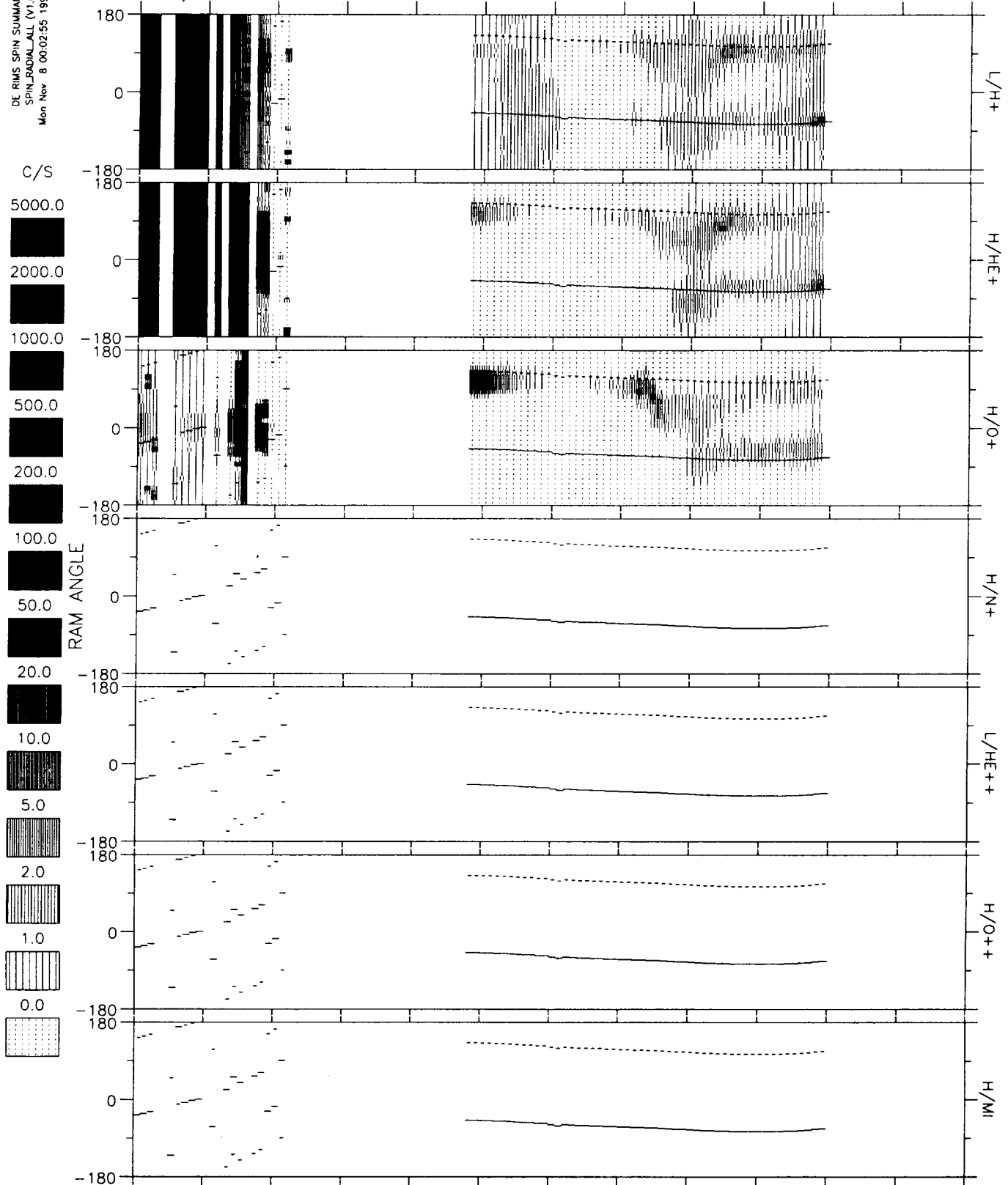
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Mon Nov 8 17:59:48 1993

82/298 25-OCT 0500:00 - 1300:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
 SPIN_RADIAL.ALL (V1.0)
 Mon Nov 8 00:02:55 1993

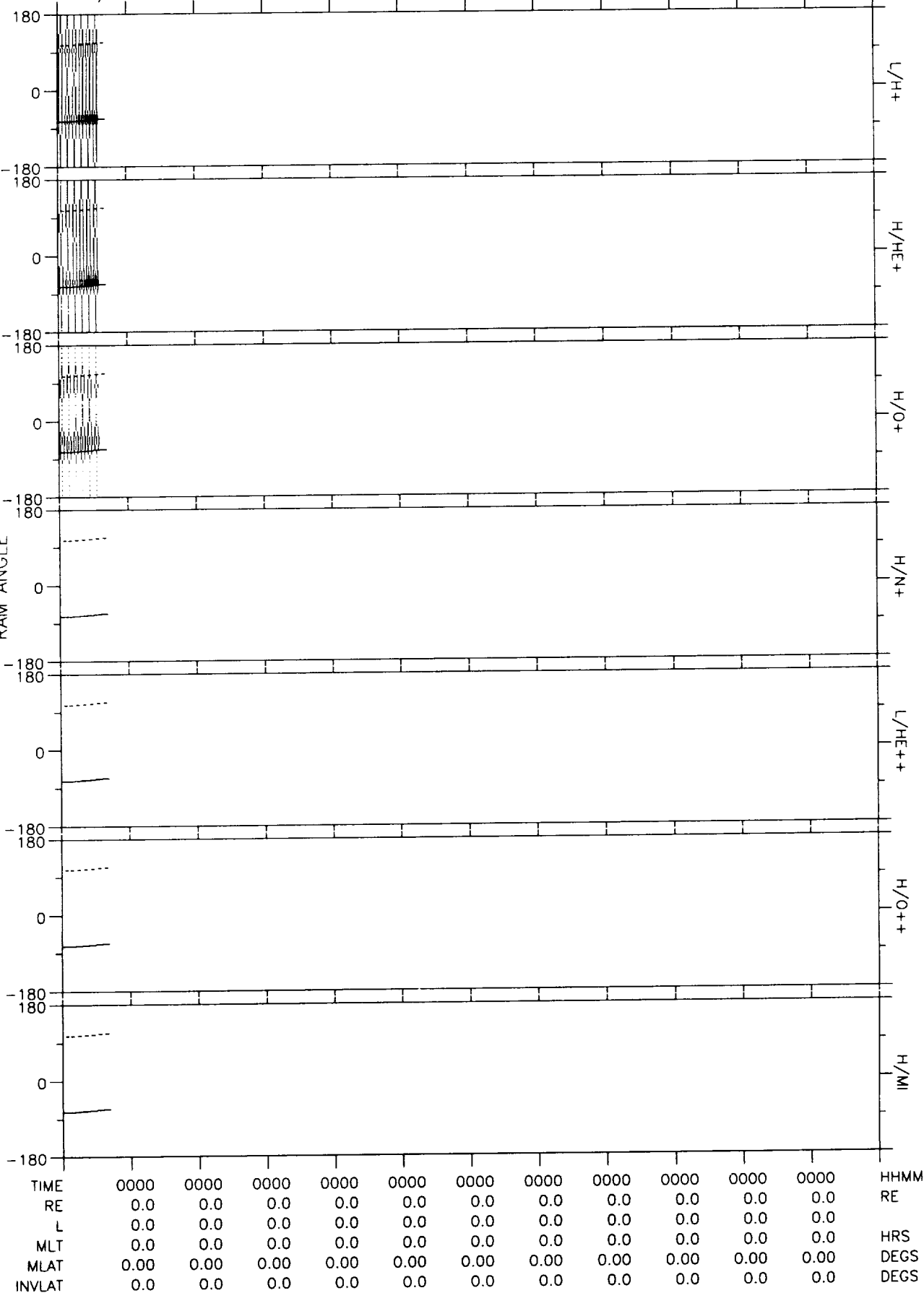
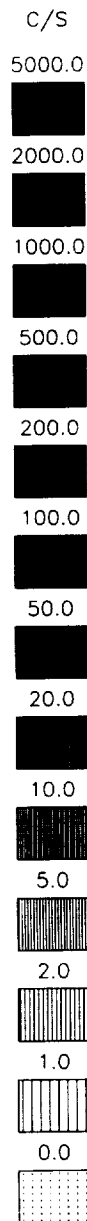
82/298 25-OCT 1215:00 - 2015:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	1335	0000	0000	1535	1615	1655	1735	1815	0000	0000	HHMM
RE	0.0	1.1	0.0	0.0	4.0	4.5	4.7	4.6	4.3	0.0	0.0	RE
L	0.0	4.3	0.0	0.0	19.1	11.7	8.7	6.8	5.2	0.0	0.0	
MLT	0.0	21.0	0.0	0.0	9.8	9.5	9.4	9.2	9.1	0.0	0.0	HRS
MLAT	0.00	54.56	0.00	0.00	*****	*****	*****	*****	*****	0.00	0.00	DEGS
INVLAT	0.0	61.2	0.0	0.0	76.8	73.0	70.2	67.3	64.0	0.0	0.0	DEGS

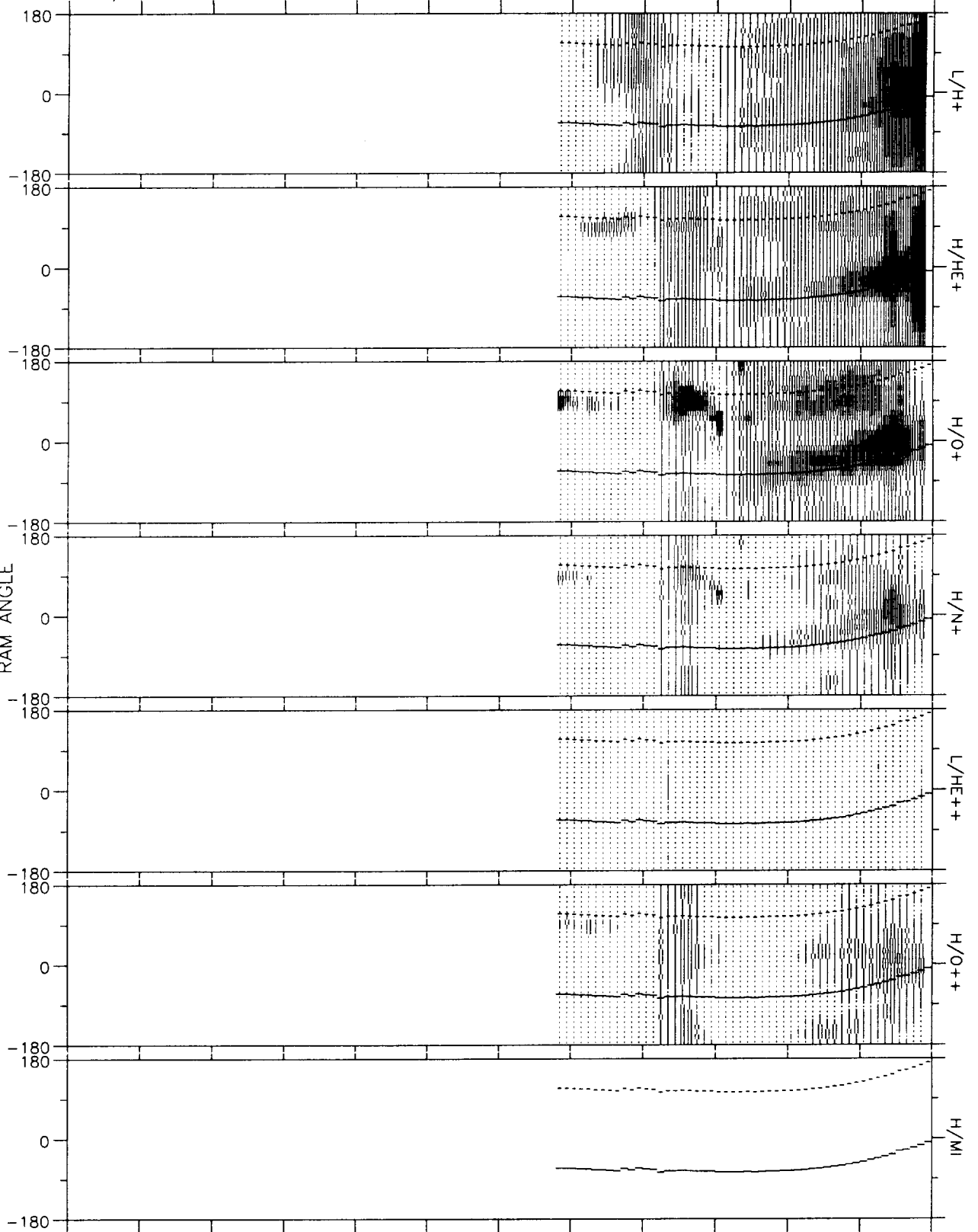
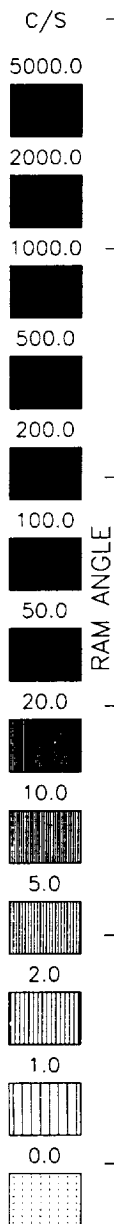
DE RIMS SPIN SUMMARY
SPIN/RADIAL ALL (V1.0)
Mon Nov 8 00:04:43 1993

82/298 25-OCT 1830:00 - 0230:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Mon Nov 8 00:05:47 1993

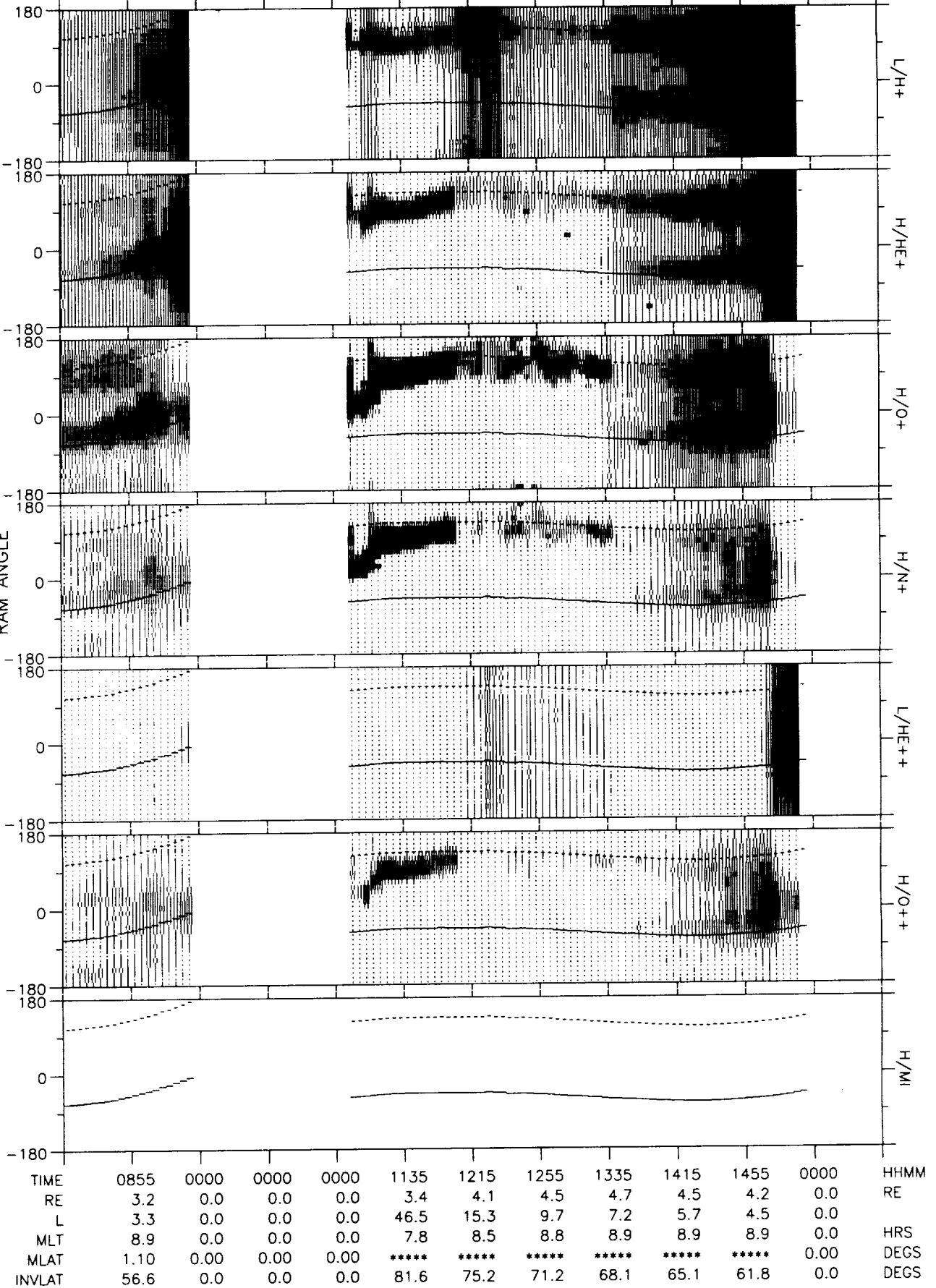
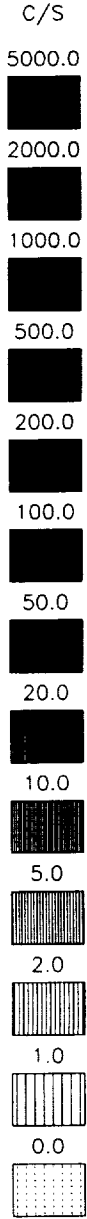
82/299 26-OCT 0130:00 - 0930:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0000	0000	0000	0610	0650	0730	0810	0850	HHMM
RE	0.0	0.0	0.0	0.0	0.0	0.0	4.6	4.7	4.5	4.1	3.3	RE
L	0.0	0.0	0.0	0.0	0.0	0.0	16.3	9.9	6.9	4.8	3.4	
MLT	0.0	0.0	0.0	0.0	0.0	0.0	7.6	8.1	8.3	8.6	8.8	HRS
MLAT	0.00	0.00	0.00	0.00	0.00	0.00	*****	*****	*****	*****	-1.73	DEGS
INVLAT	0.0	0.0	0.0	0.0	0.0	0.0	75.7	71.5	67.7	62.8	57.4	DEGS

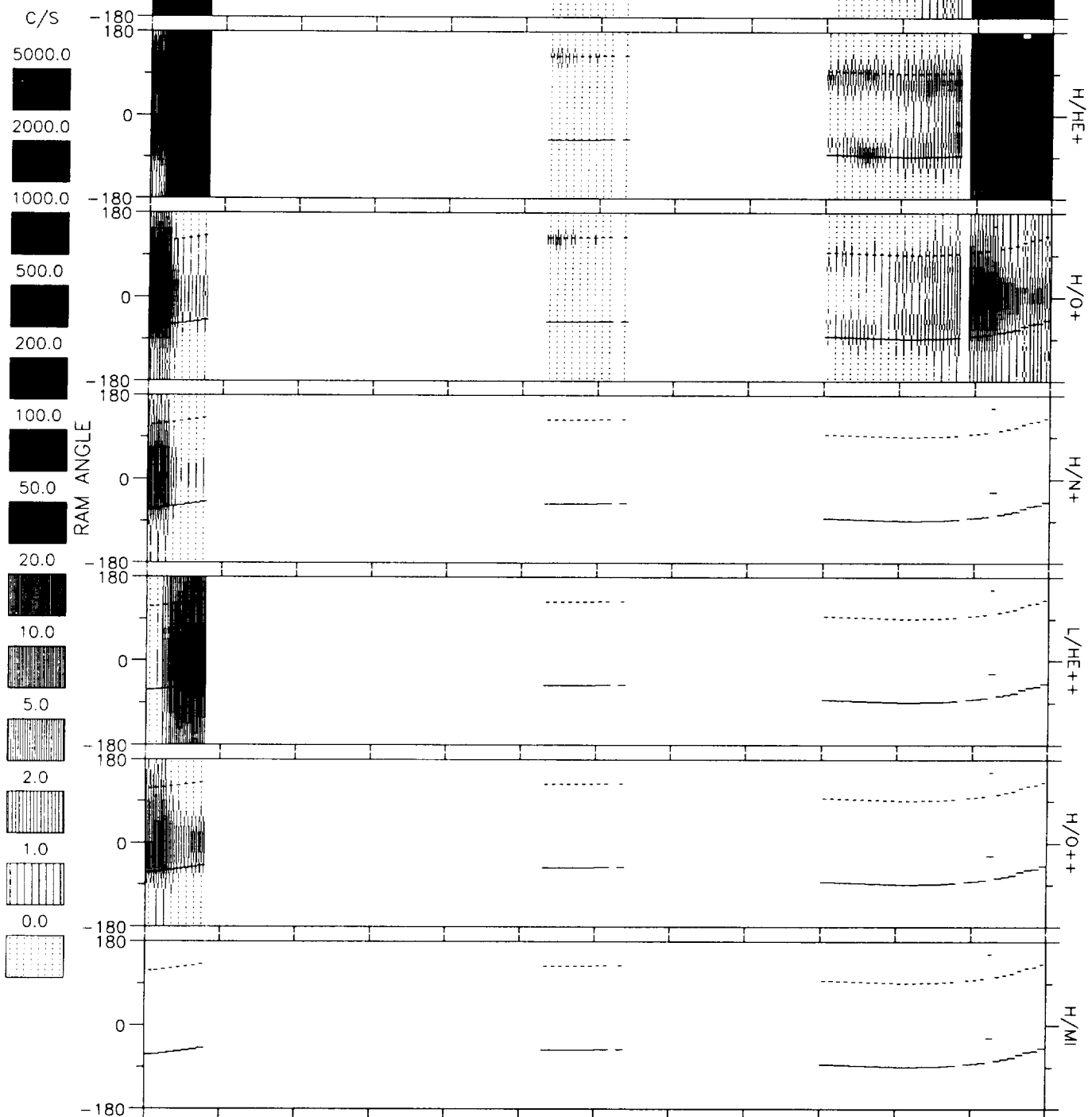
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Mon Nov 8 00:07:35 1993

82/299 26-OCT 0815:00 - 1615:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Mon Nov 8 00:10:25 1993

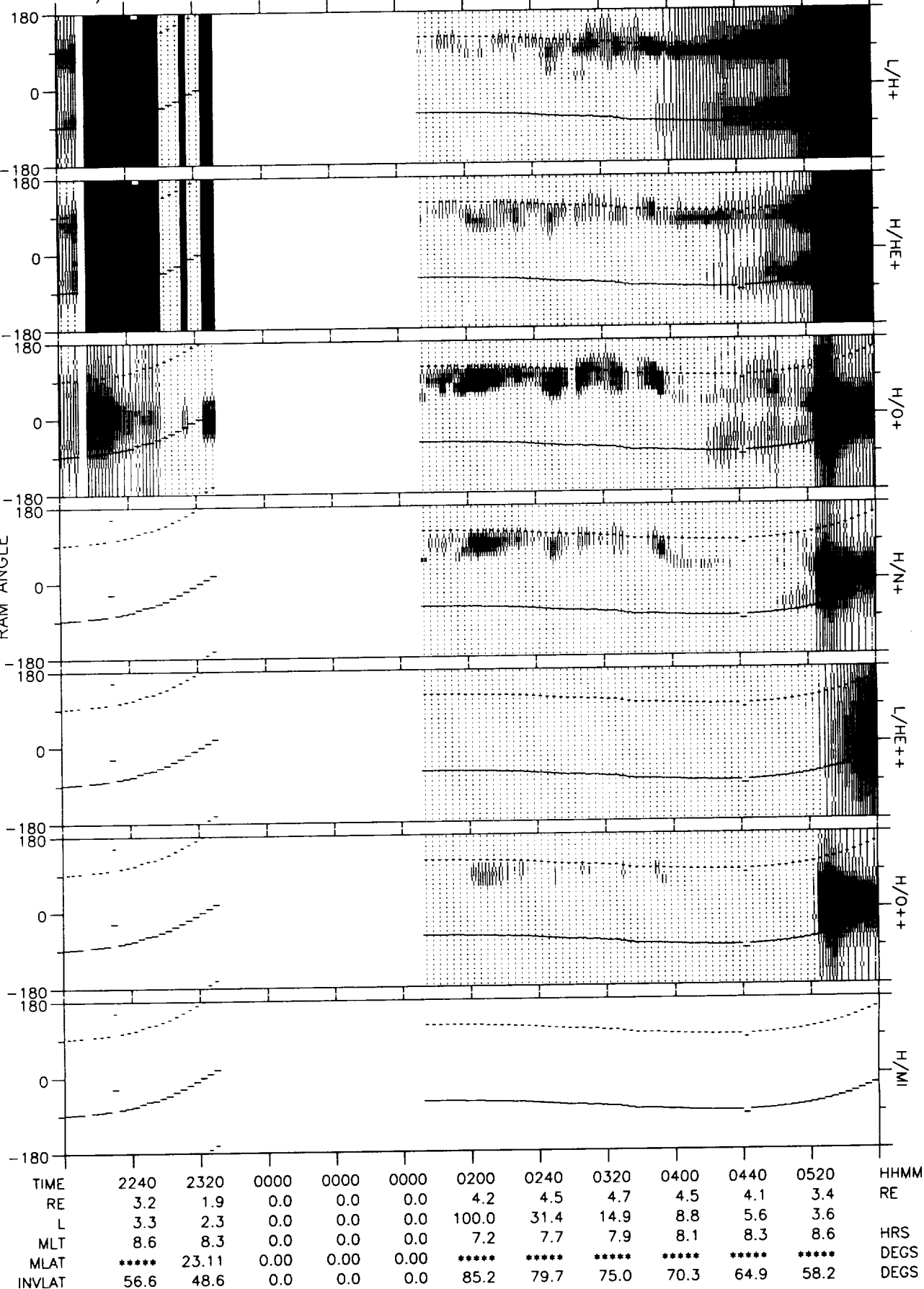
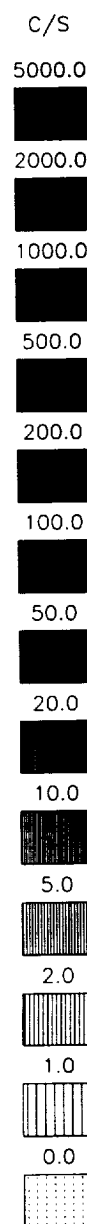
82/299 26-OCT 1500:00 - 2300:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0000	0000	1900	0000	0000	2100	2140	2220	HHMM
RE	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	4.6	4.2	3.6	RE
L	0.0	0.0	0.0	0.0	0.0	33.1	0.0	0.0	9.0	6.2	4.1	
MLT	0.0	0.0	0.0	0.0	0.0	10.8	0.0	0.0	9.1	8.9	8.6	HRS
MLAT	0.00	0.00	0.00	0.00	0.00	*****	0.00	0.00	*****	*****	*****	DEGS
INVLAT	0.0	0.0	0.0	0.0	0.0	80.0	0.0	0.0	70.5	66.4	60.3	DEGS

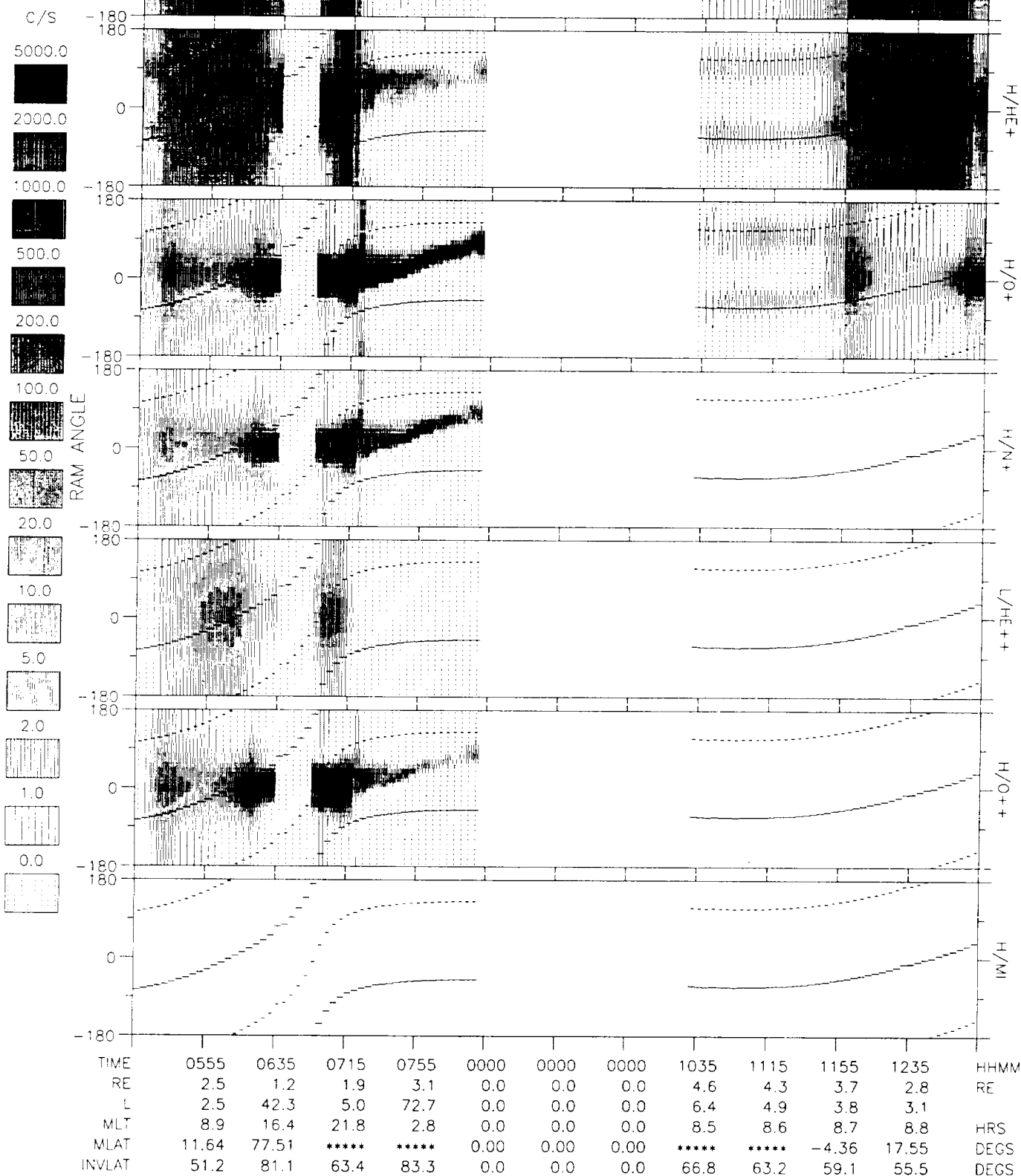
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Mon Nov 8 00:12:22 1993

82/299 26-OCT 2200:00 - 0600:00 HEAD= RL RPA= 0 to 1000 BIAS= A



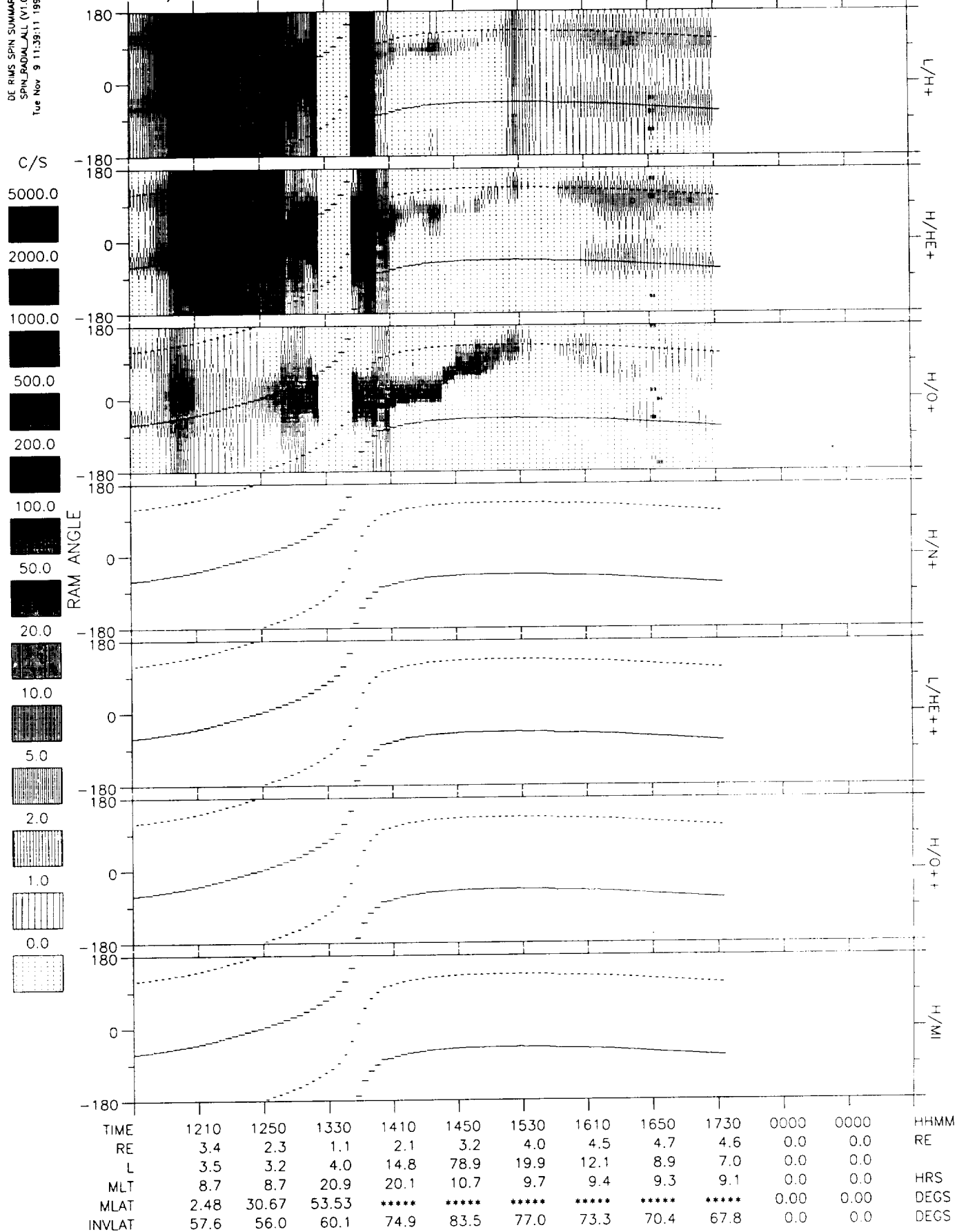
DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V*0)
Tue Nov 9 11:35:53 1993

82/300 27-OCT 0515:00 - 1315:00 HEAD= RL RPA= 0 to 1000 BIAS= A



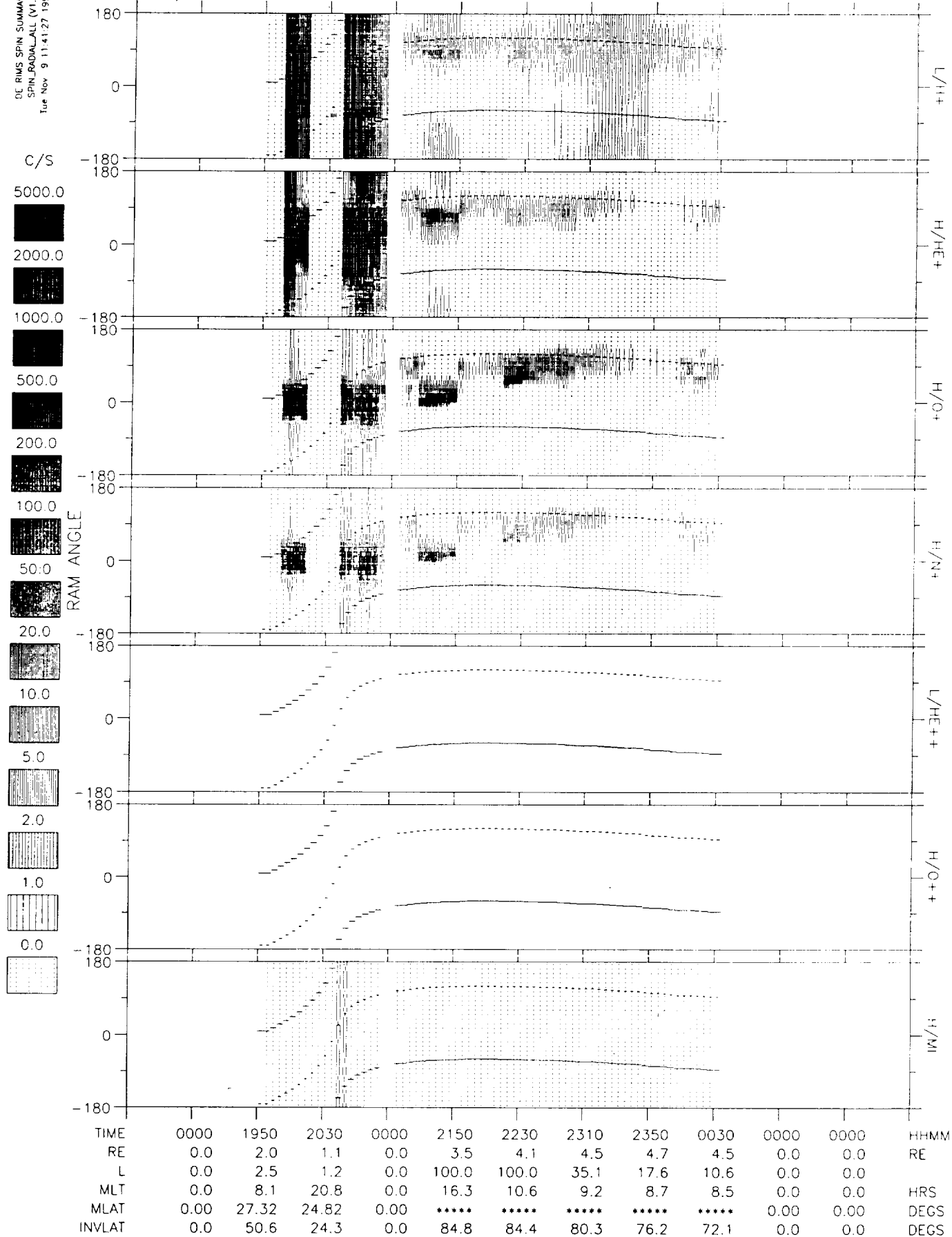
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Tue Nov 9 11:39:11 1993

82/300 27-OCT 1130:00 - 1930:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DC RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Tue Nov 9 11:41:27 1993

82/300 27-OCT 1830:00 - 0230:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RMS SPIN SUMMARY
SPIN-RADIAL (V1.0)
Tue Nov 9 11:43:24 1993

82/301 28-OCT 0130:00 - 0930:00 HEAD= RL RPA= 0 to 1000 BIAS= A

C/S

5000.0

2000.0

1000.0

500.0

200.0

100.0

50.0

20.0

10.0

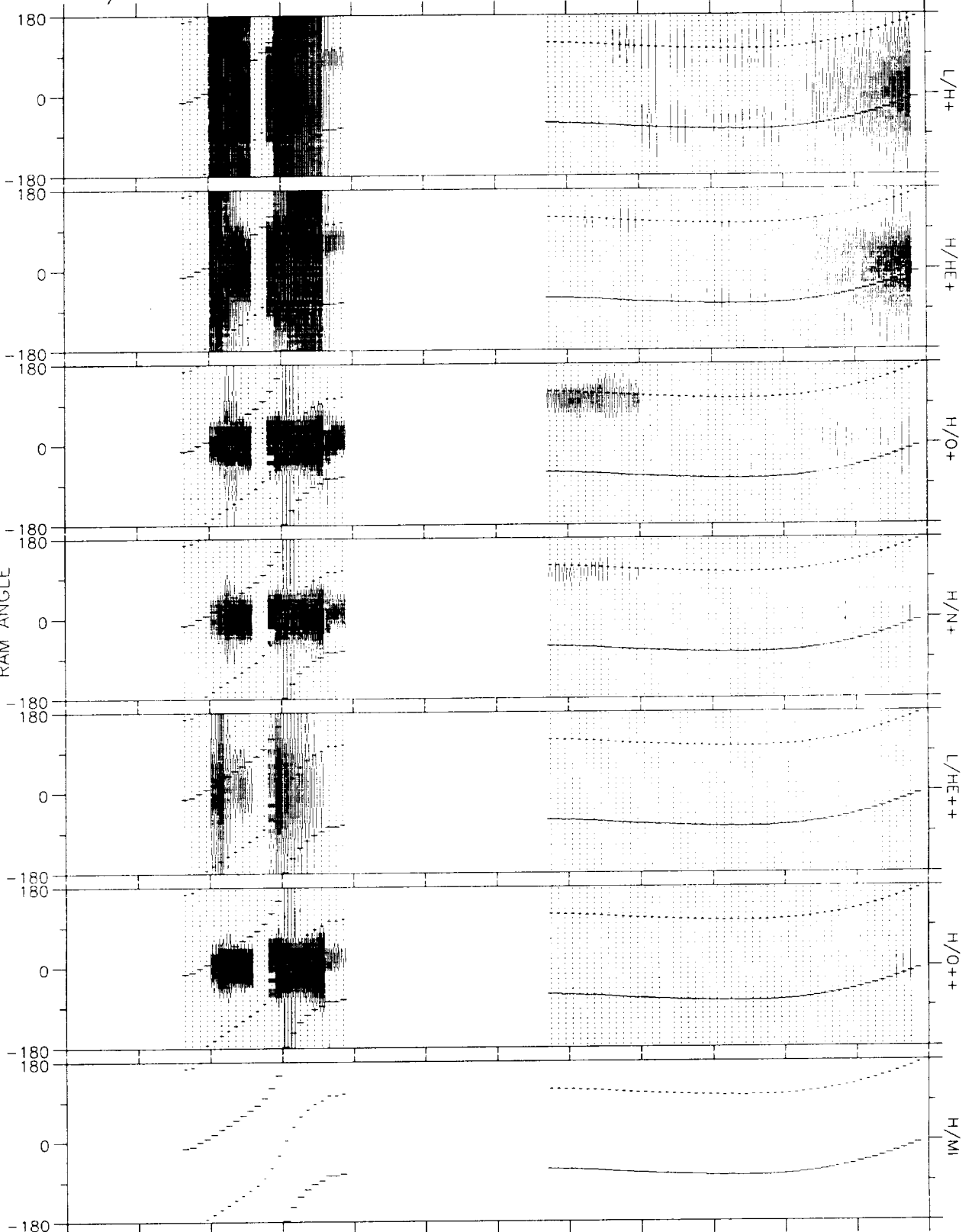
5.0

2.0

1.0

0.0

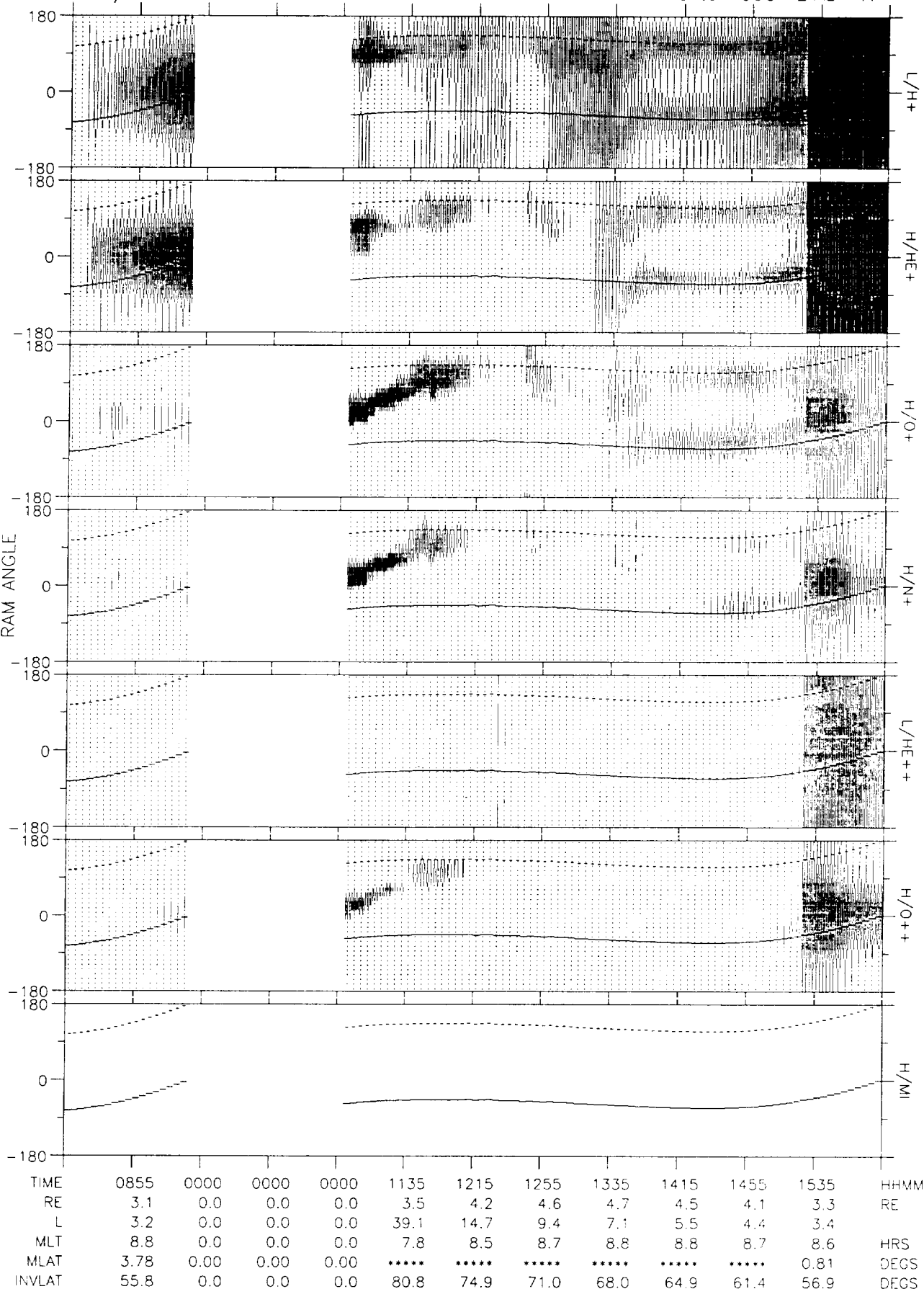
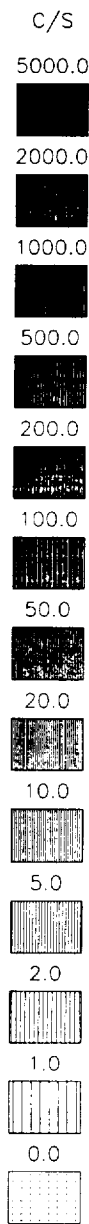
RAM ANGLE



TIME	0000	0250	0330	0000	0000	0000	0610	0650	0730	0810	0850	HHMM
RE	0.0	1.7	1.4	0.0	0.0	0.0	4.6	4.7	4.5	4.0	3.2	RE
L	0.0	2.7	1.4	0.0	0.0	0.0	15.5	9.5	6.5	4.6	3.3	
MLT	0.0	8.8	20.6	0.0	0.0	0.0	7.5	8.0	8.3	8.5	8.8	HRS
MLAT	0.00	35.74	-4.89	0.00	0.00	0.00	*****	*****	*****	*****	0.73	DECS
INVLAT	0.0	52.6	31.7	0.0	0.0	0.0	75.3	71.1	66.9	62.2	56.6	DECS

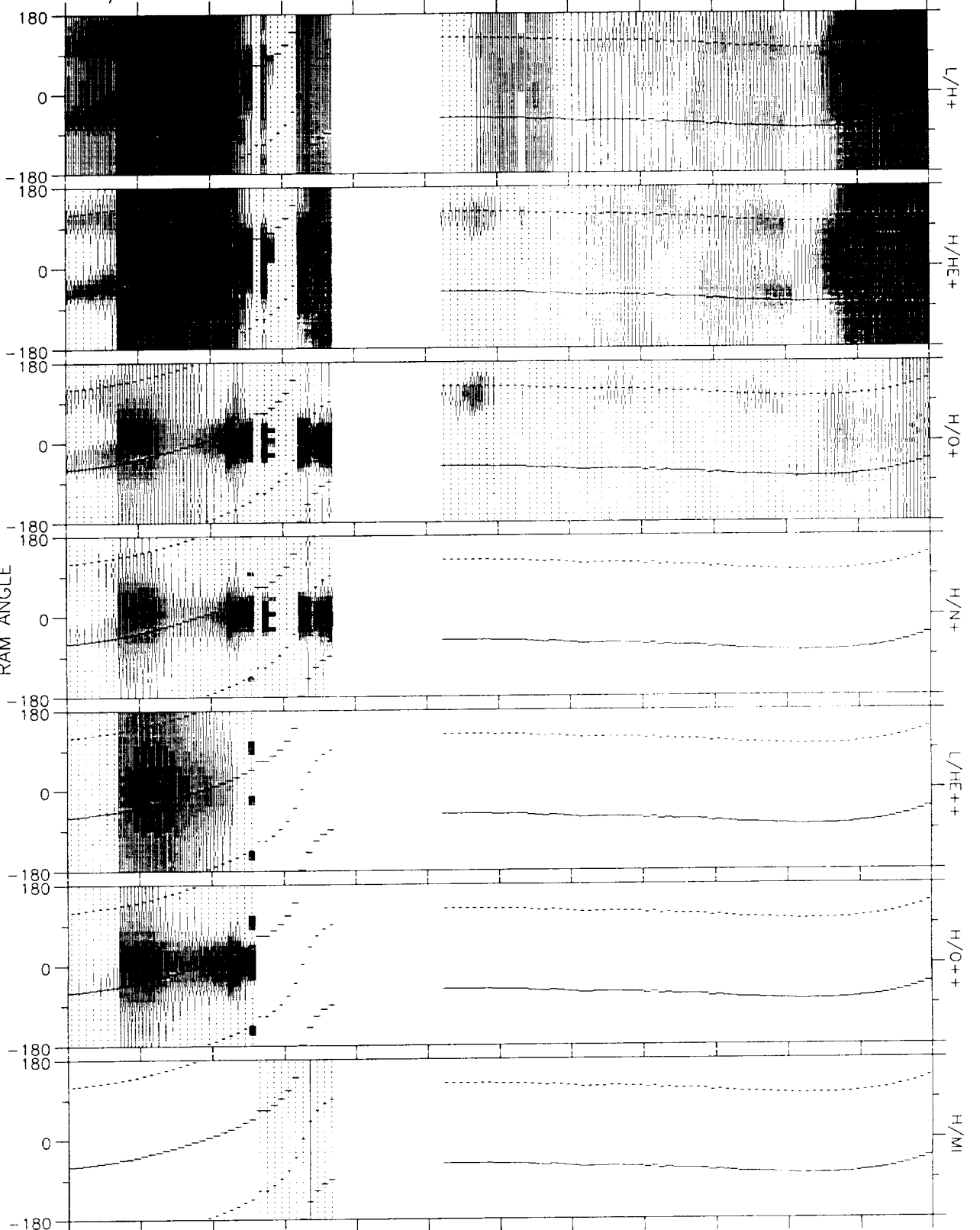
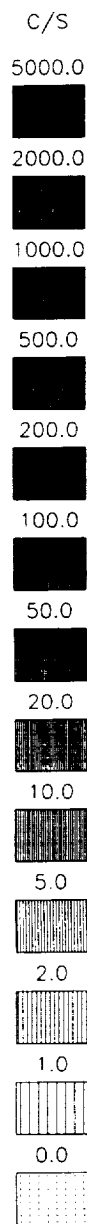
DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Tue Nov 9 11:45:43 1993

82/301 28-OCT 0815:00 - 1615:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Tue Nov 9 11:48:31 1993

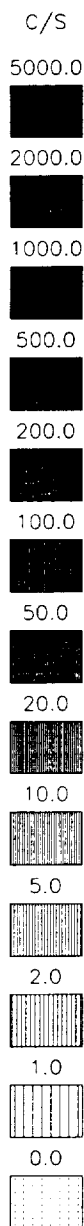
82/301 28-OCT 1500:00 - 2300:00 HEAD= RL RPA= 0 to 1000 BIAS= A



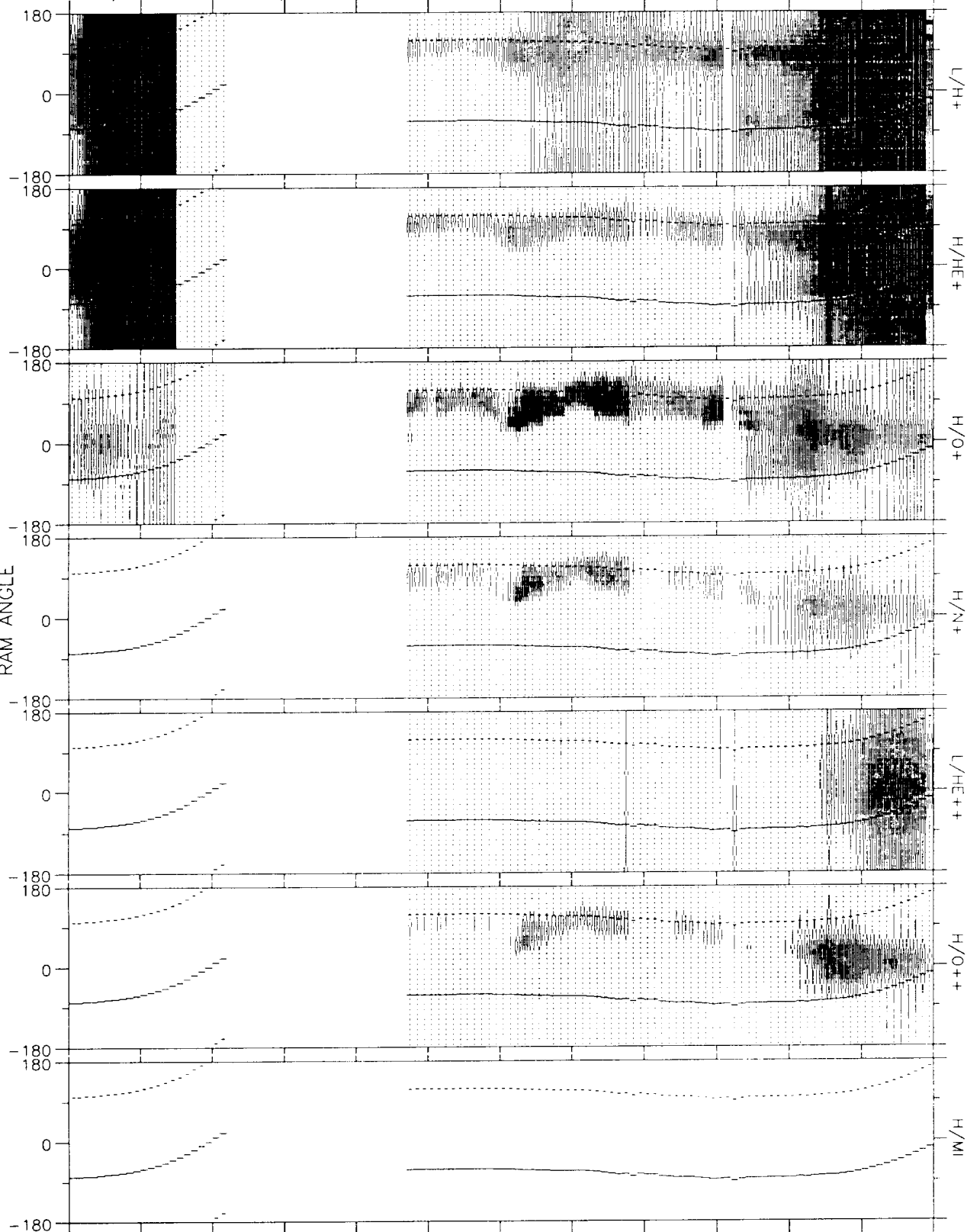
TIME	1540	1620	1700	0000	0000	1900	1940	2020	2100	2140	2220	HHMM
RE	3.2	2.1	1.1	0.0	0.0	4.1	4.5	4.7	4.5	4.2	3.5	RE
L	3.3	3.0	1.3	0.0	0.0	32.0	18.6	12.6	8.8	6.0	3.9	
MLT	8.6	8.2	20.9	0.0	0.0	10.6	9.8	9.3	9.0	8.7	8.5	HRS
MLAT	3.21	34.10	24.62	0.00	0.00	*****	*****	*****	*****	*****	*****	DEGS
INVLAT	56.3	54.8	29.1	0.0	0.0	79.8	76.6	73.6	70.3	65.9	59.4	DEGS

DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Tue Nov 9 11:51:34 1993

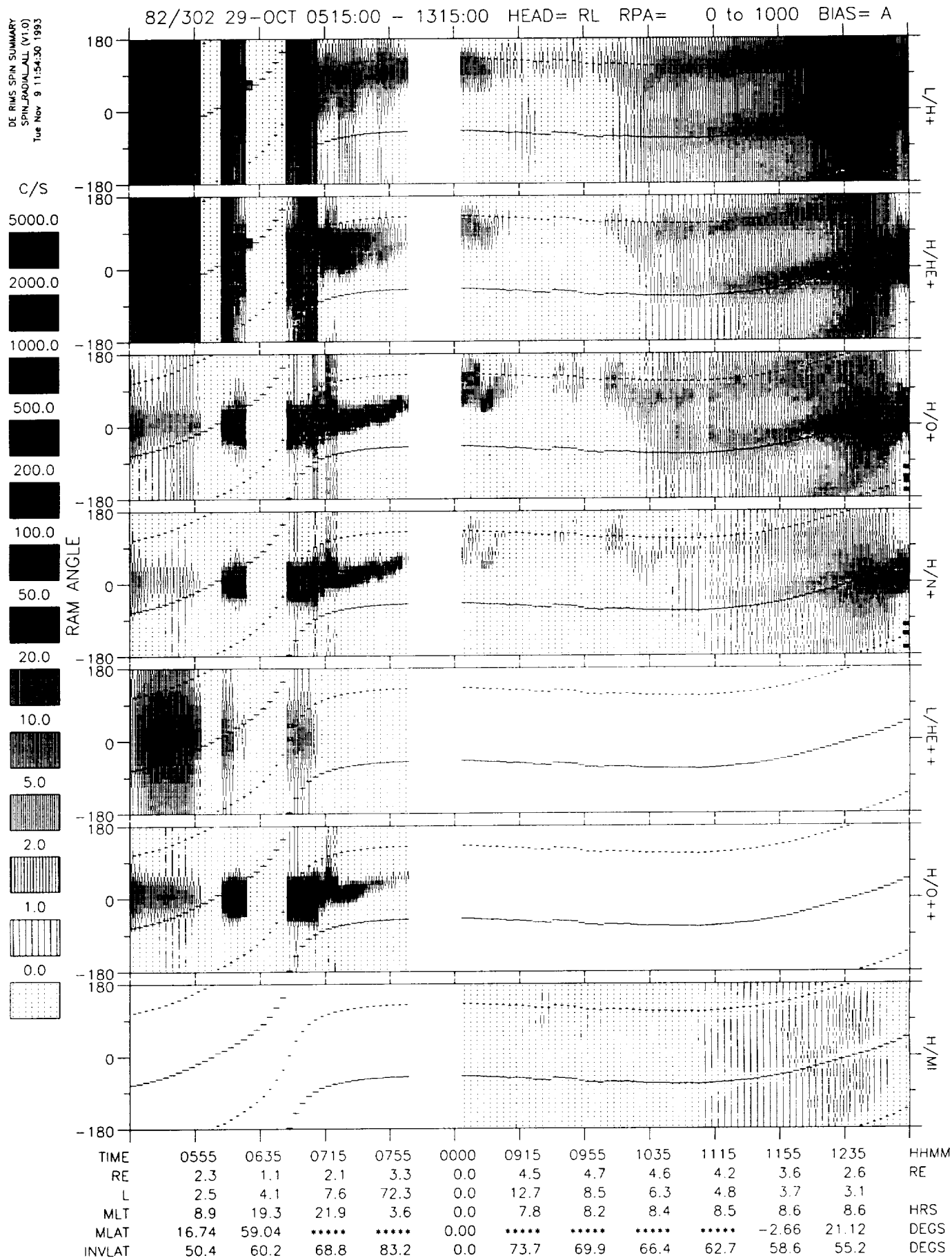
82/301 28-OCT 2200:00 - 0600:00 HEAD= RL RPA= 0 to 1000 BIAS= A



RAM ANGLE

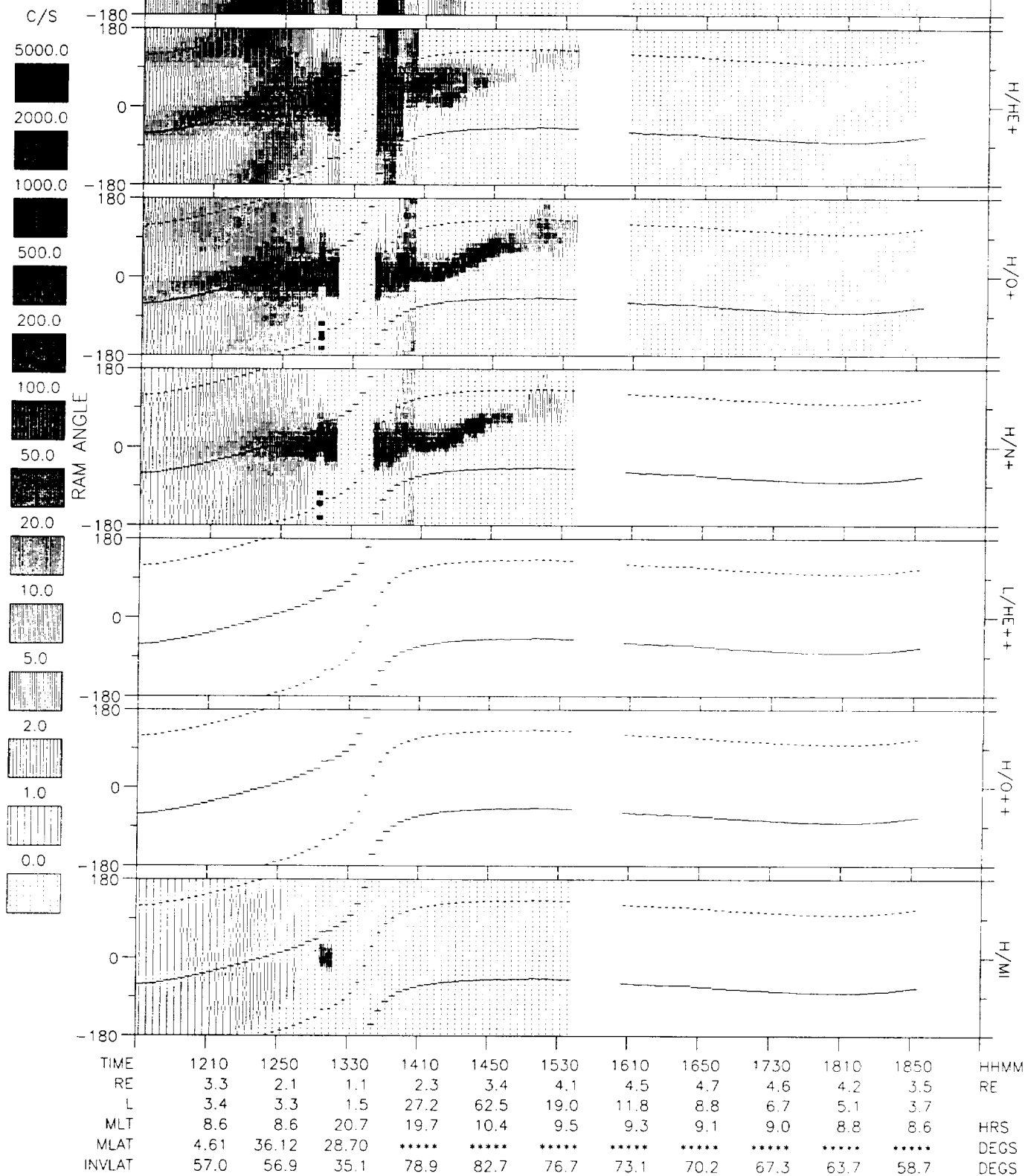


TIME	2240	2320	0000	0000	0120	0200	0240	0320	0400	0440	0520	HHMM
RE	3.0	1.8	0.0	0.0	3.5	4.2	4.6	4.7	4.5	4.0	3.3	RE
L	3.0	2.5	0.0	0.0	100.0	100.0	29.1	14.1	8.4	5.3	3.4	
MLT	8.4	8.1	0.0	0.0	21.4	7.1	7.6	7.8	8.0	8.2	8.5	HRS
MLAT	-9.56	31.20	0.00	0.00	*****	*****	*****	*****	*****	*****	*****	DEGS
INVLAT	54.8	50.3	0.0	0.0	86.4	84.7	79.3	74.6	69.8	64.3	57.3	DEGS



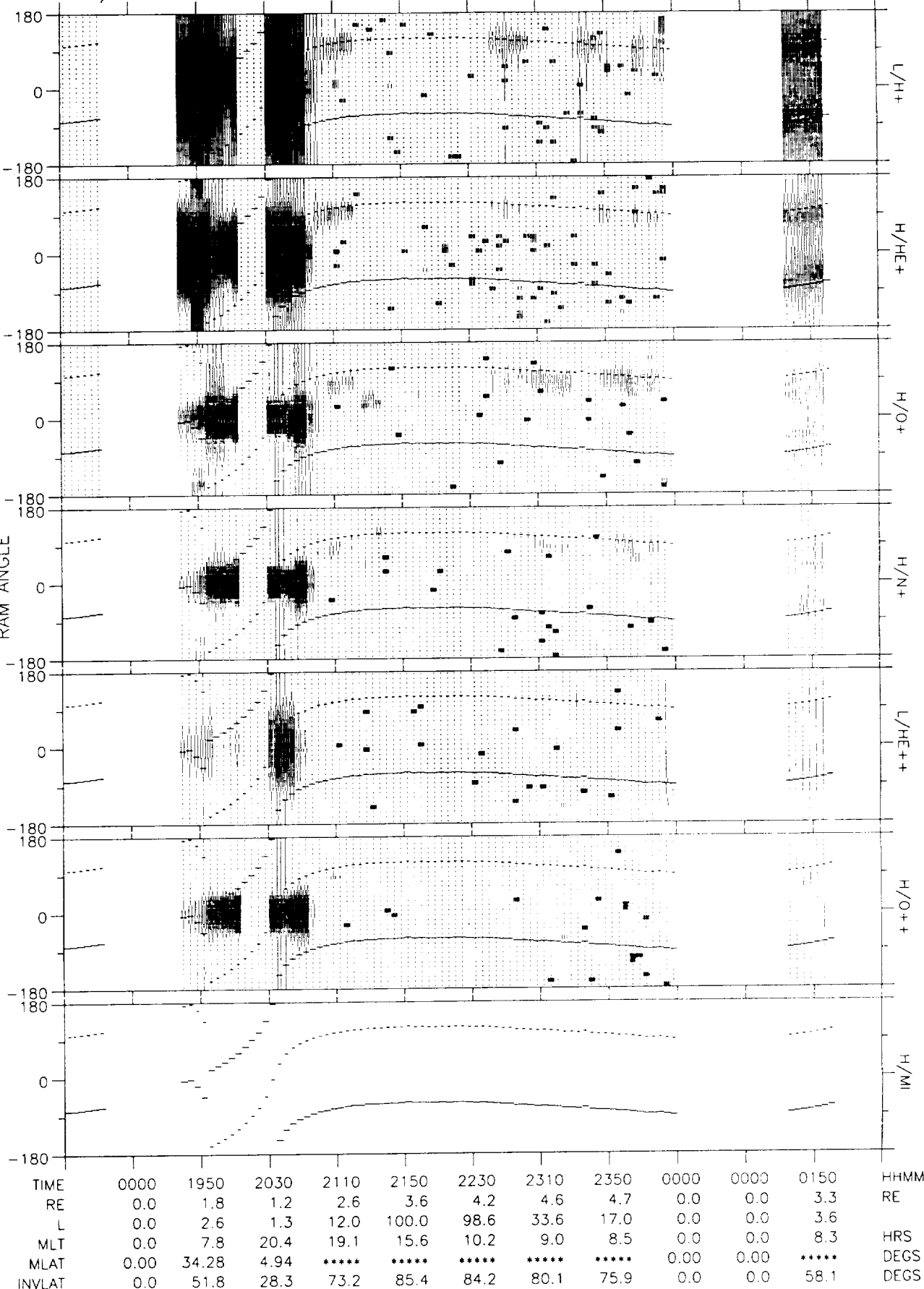
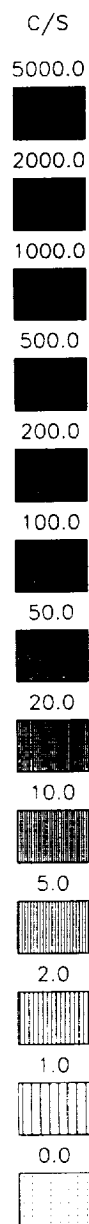
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Tue Nov 9 11:57:59 1993

82/302 29-OCT 1130:00 - 1930:00 HEAD= RL RPA= 0 to 1000 BIAS= A



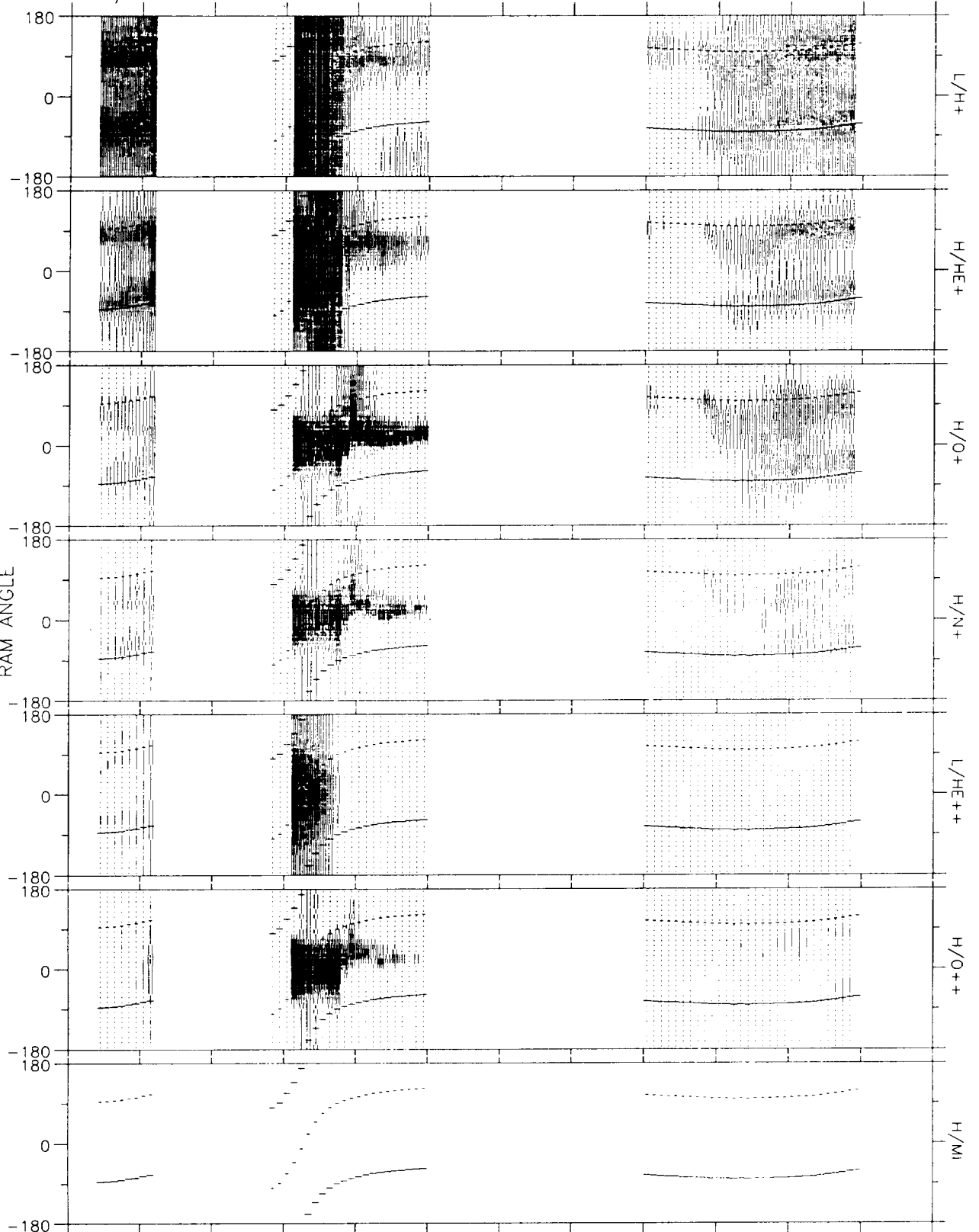
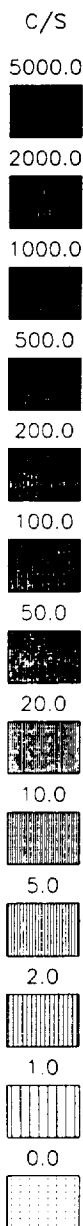
DE RIMS SPIN SUMMARY
SPIN_RADIAL.ALL (V1.0)
Tue Nov 9 12:00:36 1993

82/302 29-OCT 1830:00 - 0230:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Tue Nov 9 12:02:52 1993

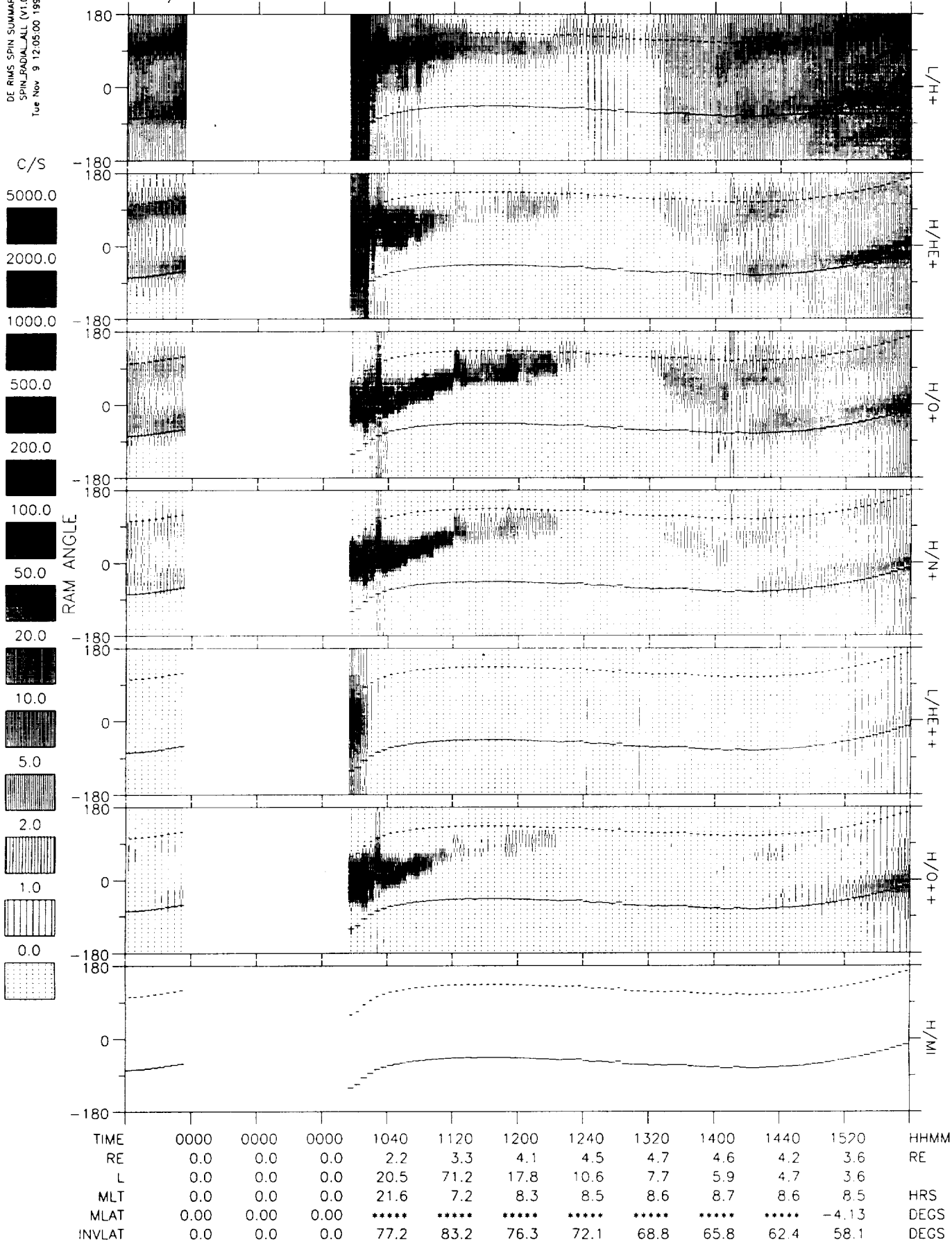
82/303 30-OCT 0115:00 - 0915:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0155	0000	0315	0355	0000	0000	0000	0635	0715	0755	0000	HHMM
RE	3.2	0.0	1.1	2.4	0.0	0.0	0.0	4.7	4.5	4.1	0.0	RE
L	3.4	0.0	1.5	8.0	0.0	0.0	0.0	10.8	7.2	5.0	0.0	
MLT	8.3	0.0	20.1	21.4	0.0	0.0	0.0	7.7	8.1	8.3	0.0	HRS
MLAT	*****	0.00	31.72	*****	0.00	0.00	0.00	*****	*****	*****	0.00	DEGS
INVLAT	56.9	0.0	36.4	69.3	0.0	0.0	0.0	72.2	68.1	63.5	0.0	DEGS

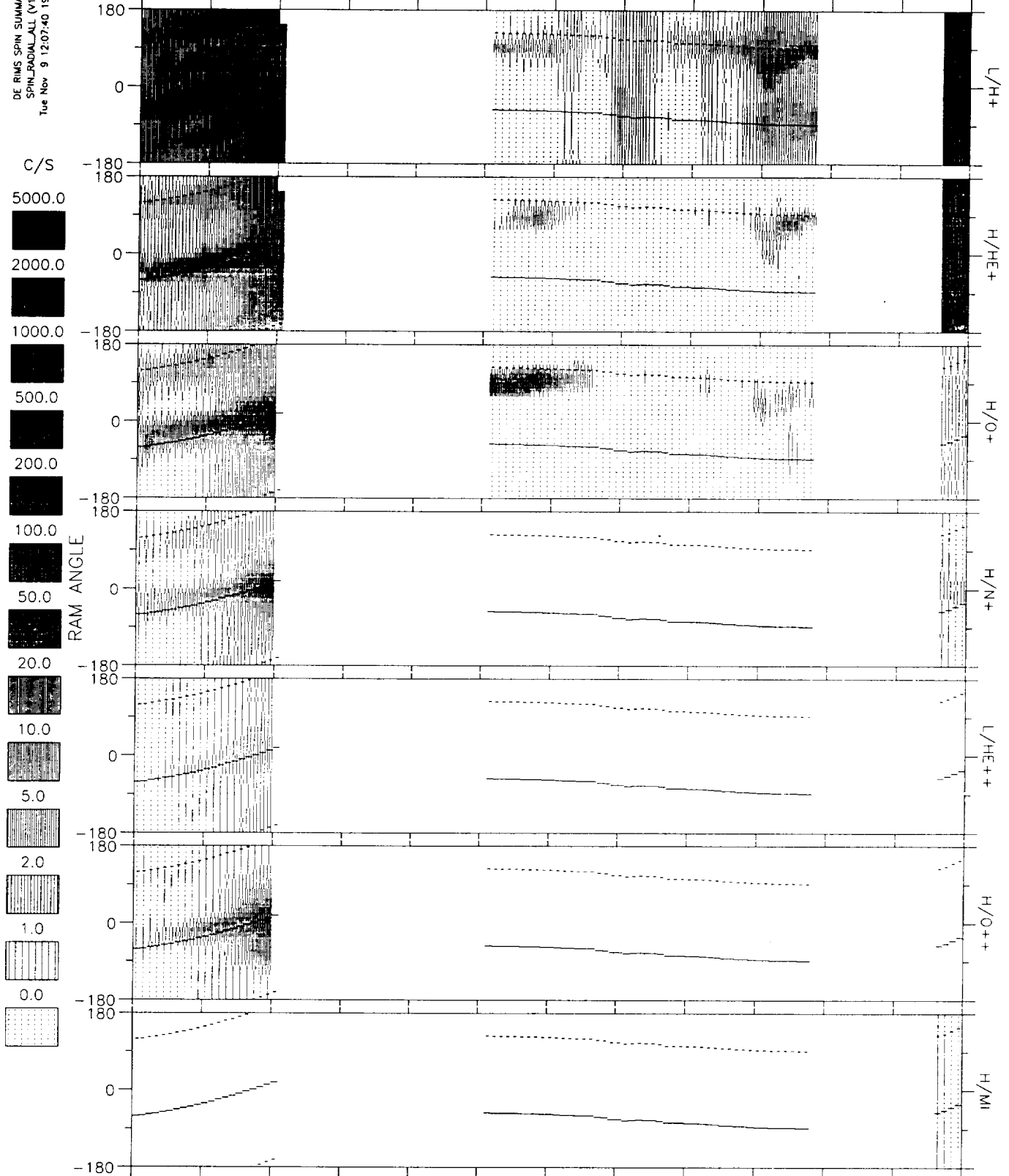
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Tue Nov 9 12:05:00 1993

82/303 30-OCT 0800:00 - 1600:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Tue Nov 9 12:07:40 1993

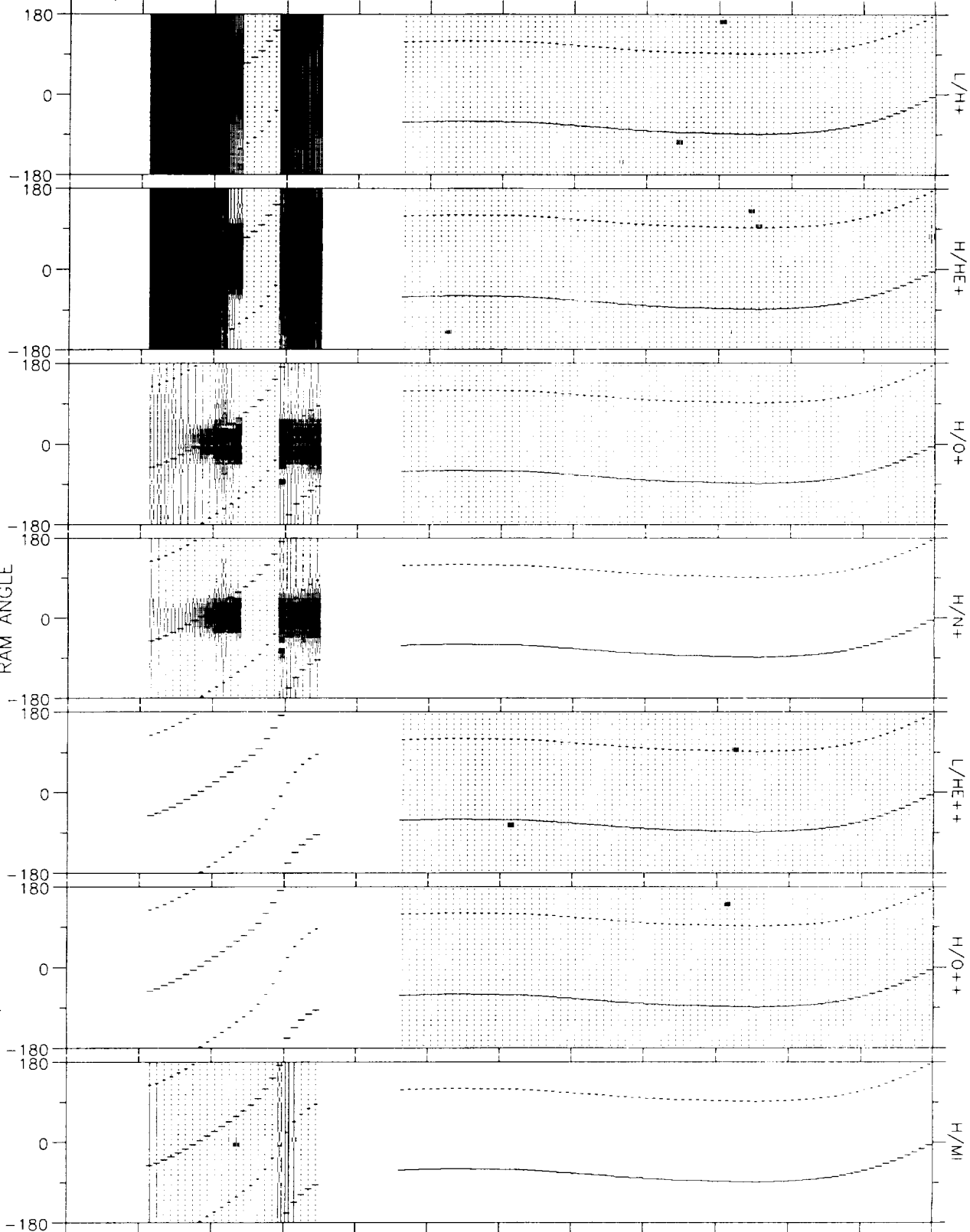
82/303 30-OCT 1500:00 - 2300:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1540	1620	0000	0000	0000	1900	1940	2020	2100	0000	0000	HHMM
RE	3.1	2.0	0.0	0.0	0.0	4.2	4.6	4.7	4.5	0.0	0.0	RE
L	3.1	3.0	0.0	0.0	0.0	31.0	18.4	12.4	8.6	0.0	0.0	
MLT	8.4	8.0	0.0	0.0	0.0	10.3	9.6	9.1	8.8	0.0	0.0	HRS
MLAT	5.35	35.24	0.00	0.00	0.00	*****	*****	*****	*****	0.00	0.00	DEGS
INVLAT	55.6	54.8	0.0	0.0	0.0	79.7	76.5	73.5	70.1	0.0	0.0	DEGS

DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Tue Nov 9 12:09:42 1993

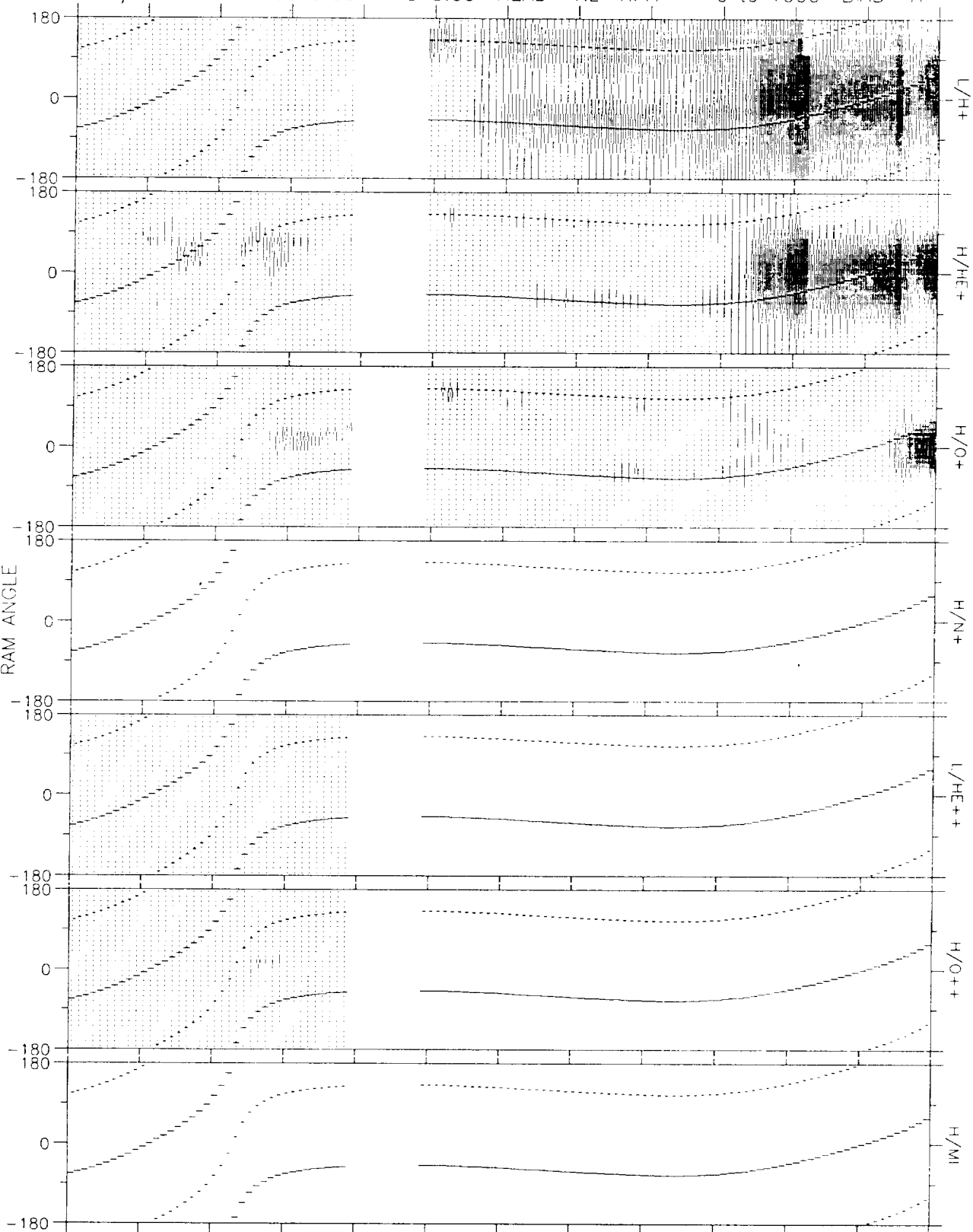
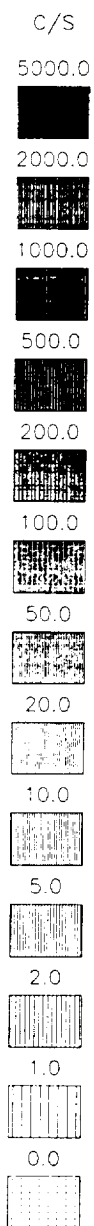
82/303 30-OCT 2200:00 - 0600:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	2320	0000	0000	0120	0200	0240	0320	0400	0440	0520	HHMM
RE	0.0	1.6	1.5	0.0	3.7	4.3	4.6	4.6	4.4	3.9	3.1	RE
L	0.0	3.0	1.6	0.0	100.0	96.3	26.9	13.4	8.0	5.1	3.2	
MLT	0.0	8.0	20.2	0.0	22.7	7.0	7.4	7.7	7.9	8.1	8.4	HRS
MLAT	0.00	41.62	*****	0.00	*****	*****	*****	*****	*****	*****	-7.77	DEGS
INVLAT	0.0	54.7	37.6	0.0	87.7	84.2	78.9	74.2	69.3	63.6	56.2	DEGS

DE RMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Tue Nov 9 12:12:00 1993

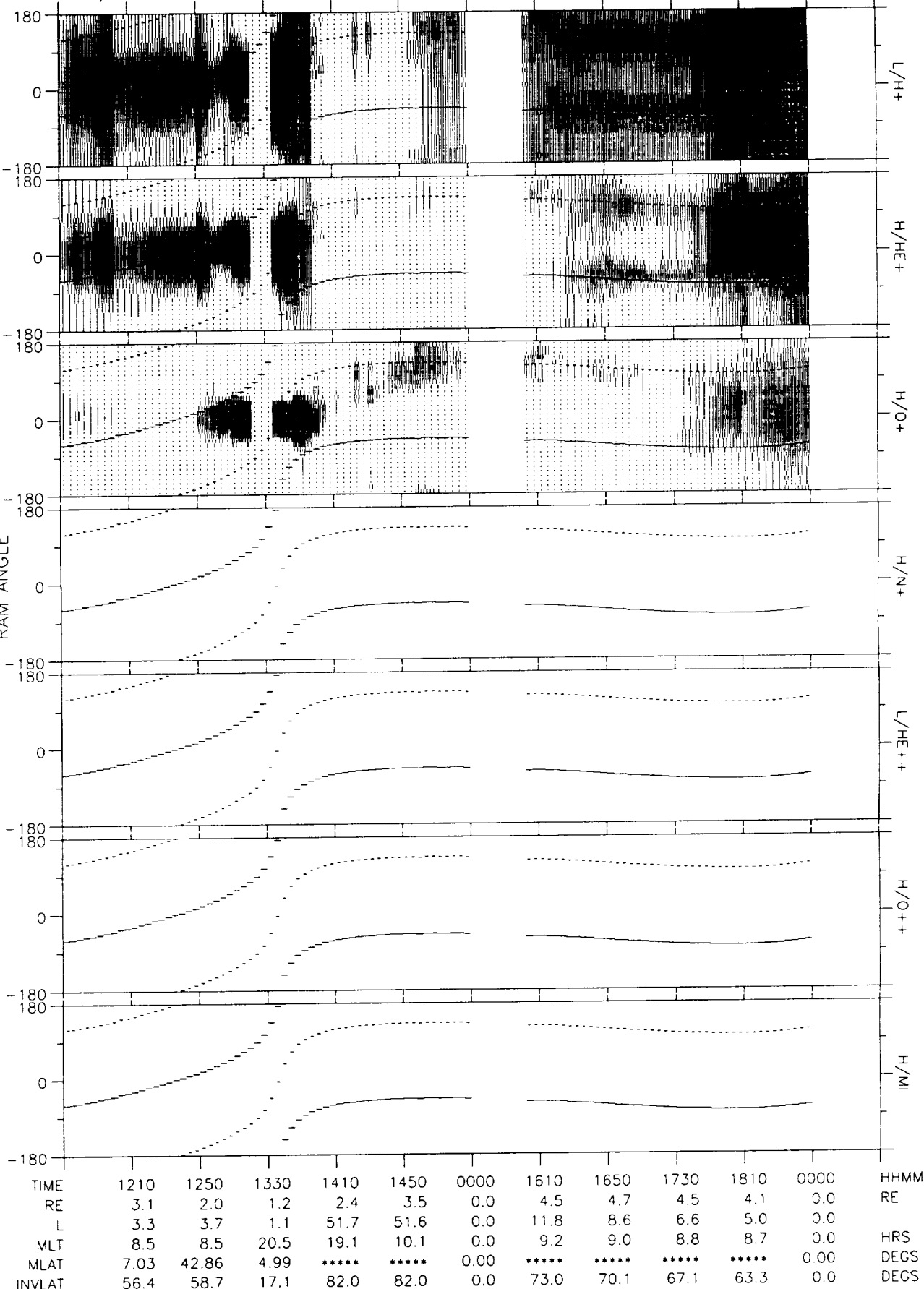
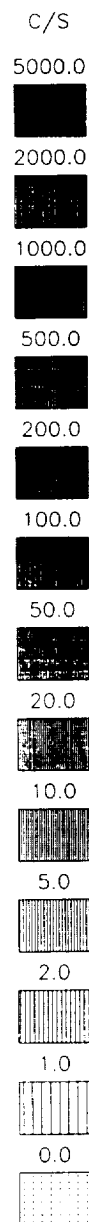
82/304 31-OCT 0515:00 - 1315:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0555	0635	0715	0000	0835	0915	0955	1035	1115	1155	1235	HHMM
RE	2.1	1.1	2.3	0.0	4.1	4.5	4.7	4.5	4.2	3.5	2.5	RE
L	2.4	1.6	11.5	0.0	22.5	12.2	8.3	6.1	4.6	3.6	3.1	
MLT	8.8	20.0	22.1	0.0	7.0	7.8	8.1	8.3	8.4	8.5	8.5	HRS
MLAT	22.60	35.03	*****	0.00	*****	*****	*****	*****	*****	-0.80	25.21	DEGS
INVLAT	50.0	37.7	72.8	0.0	77.8	73.4	69.7	66.1	62.3	58.0	55.2	DEGS

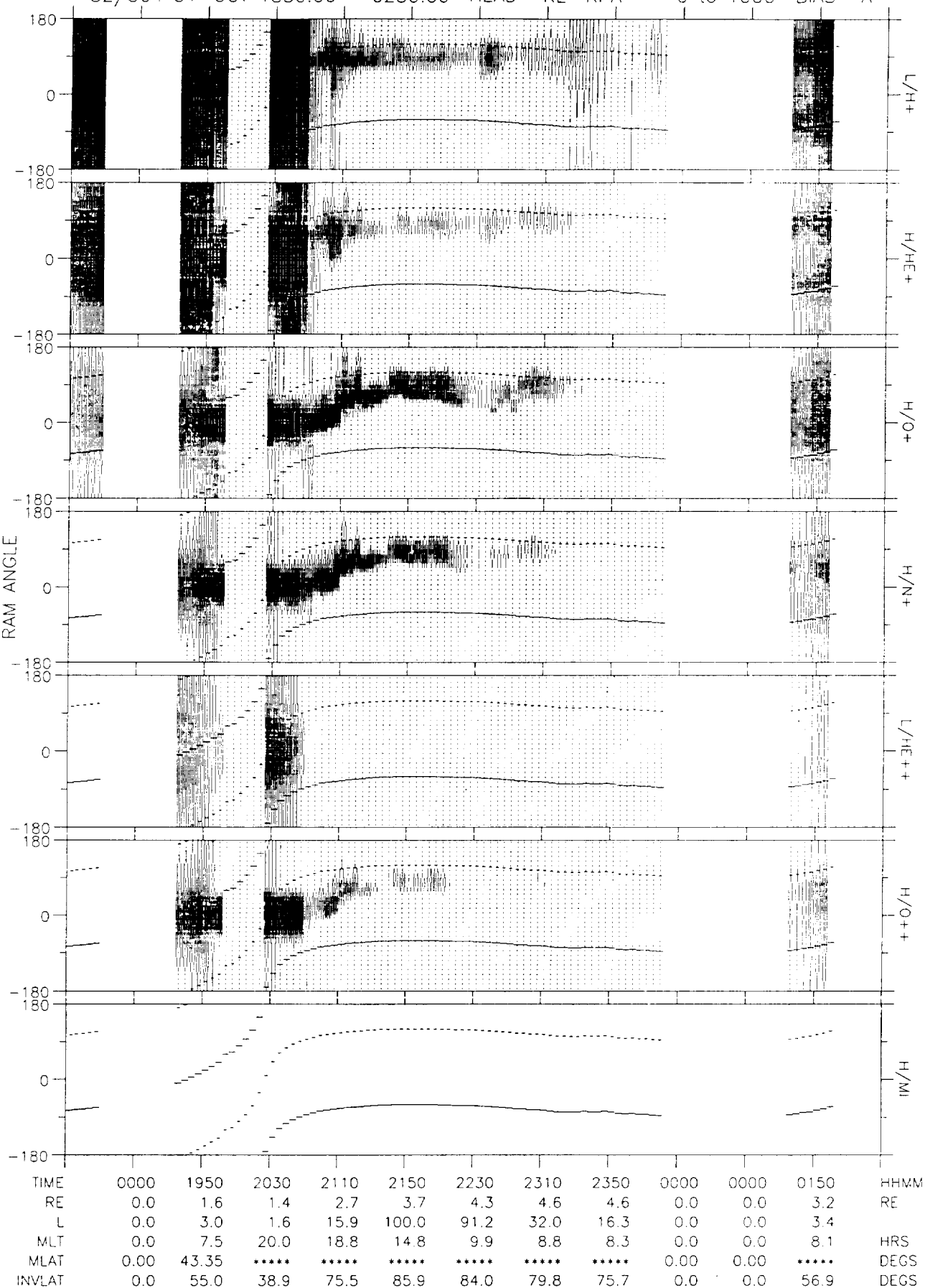
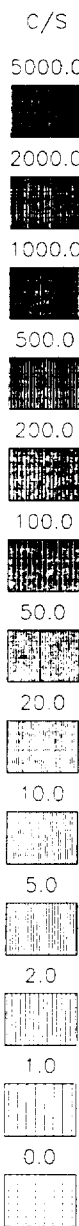
DE RUS SPIN SUMMARY
SPINRADIAL (V1.0)
Wed Nov 10 15:17:55 1993

82/304 31-OCT 1130:00 - 1930:00 HEAD= RL RPA= 0 to 1000 BIAS= A



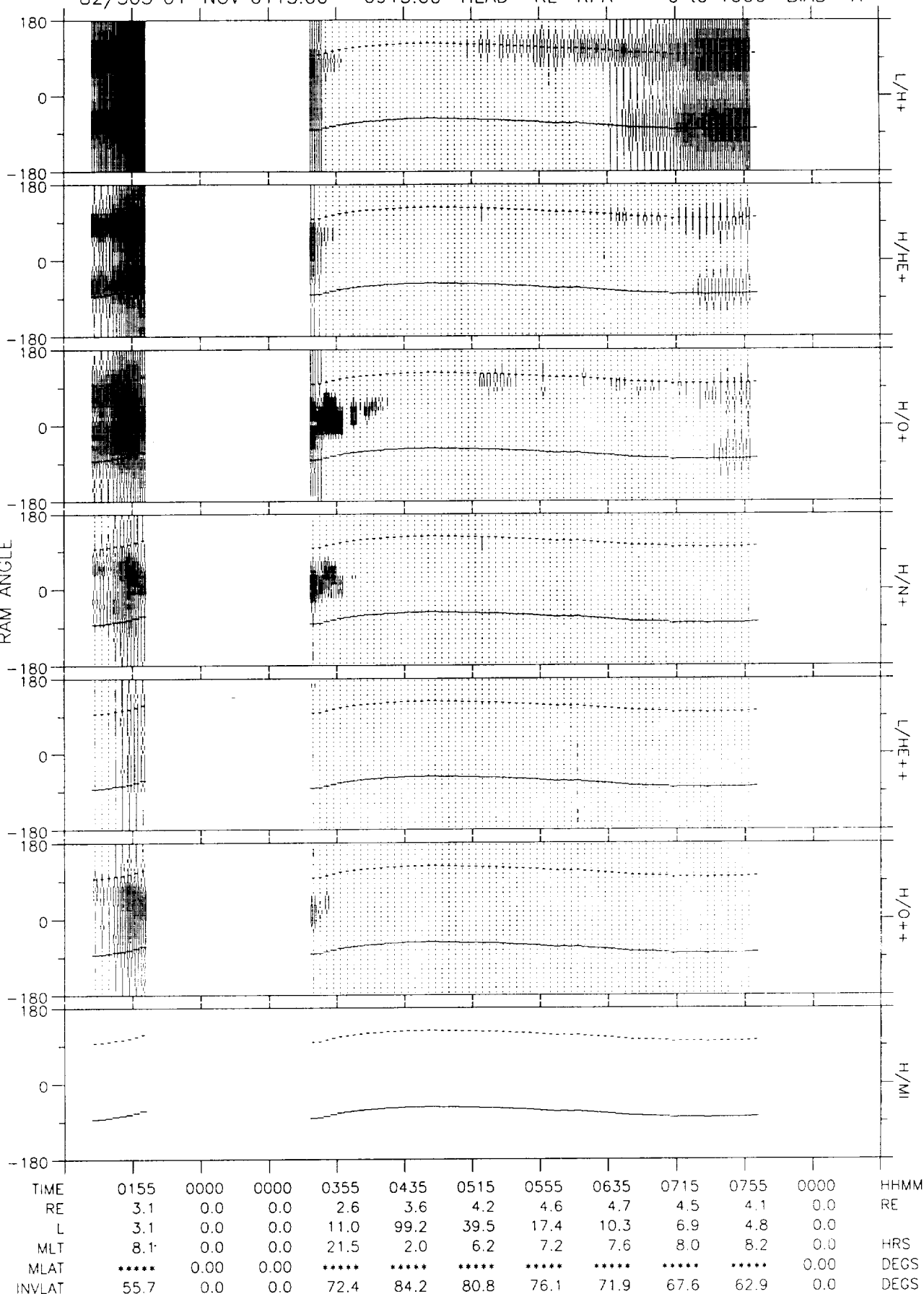
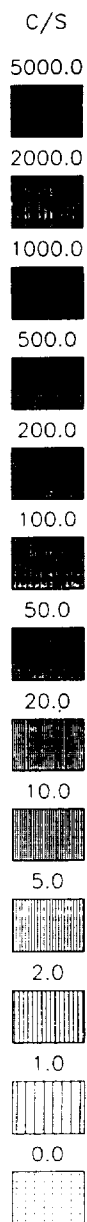
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Nov 10 15:20:23 1993

82/304 31-OCT 1830:00 - 0230:00 HEAD= RL RPA= 0 to 1000 BIAS= A



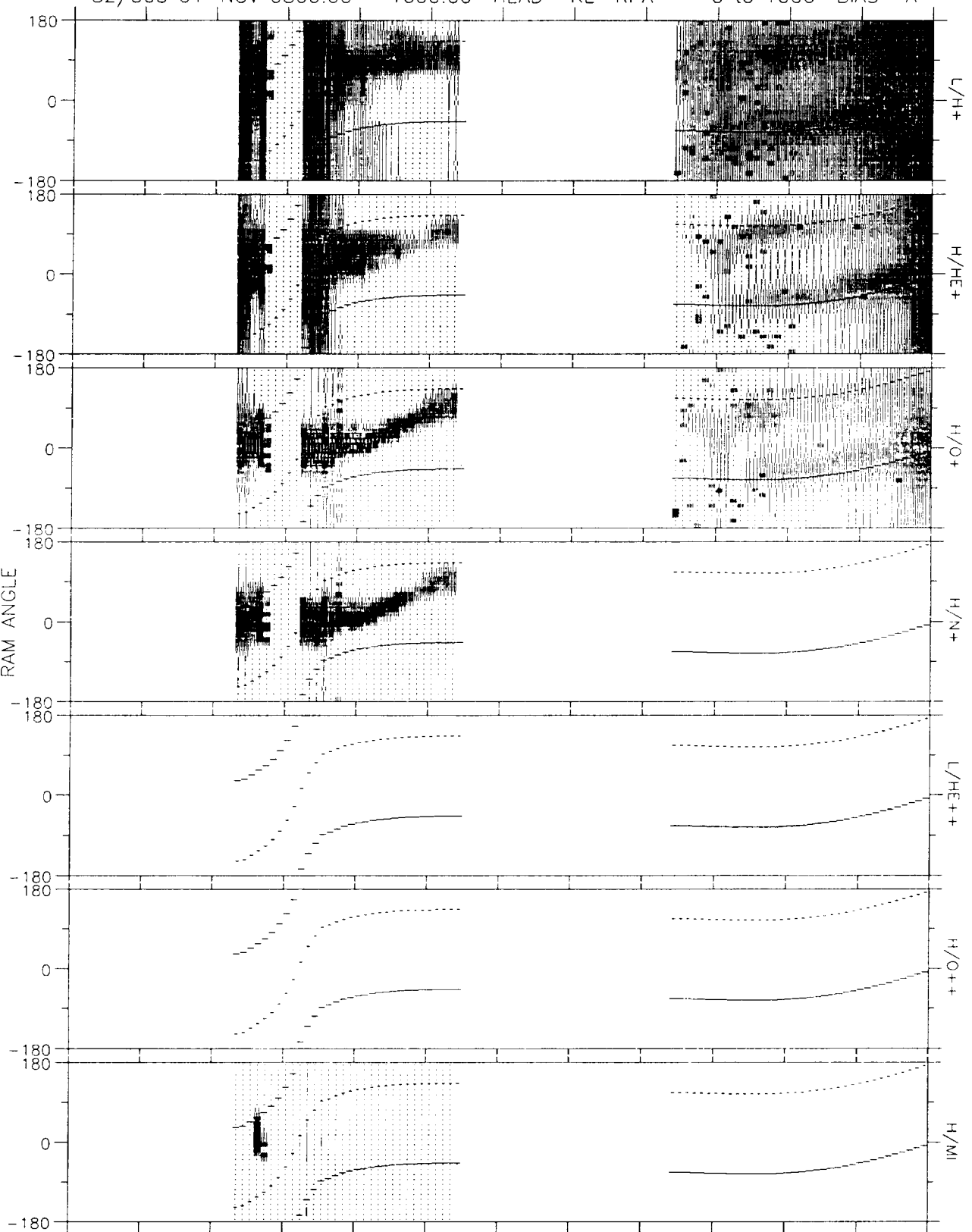
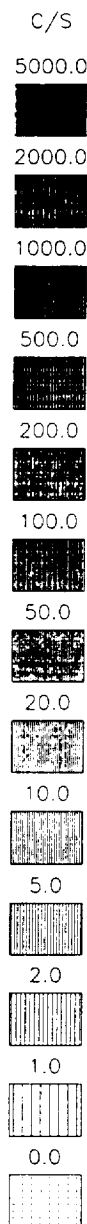
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Wed Nov 10 15:23:15 1993

82/305 01-NOV 0115:00 - 0915:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Wed Nov 10 15:25:16 1993

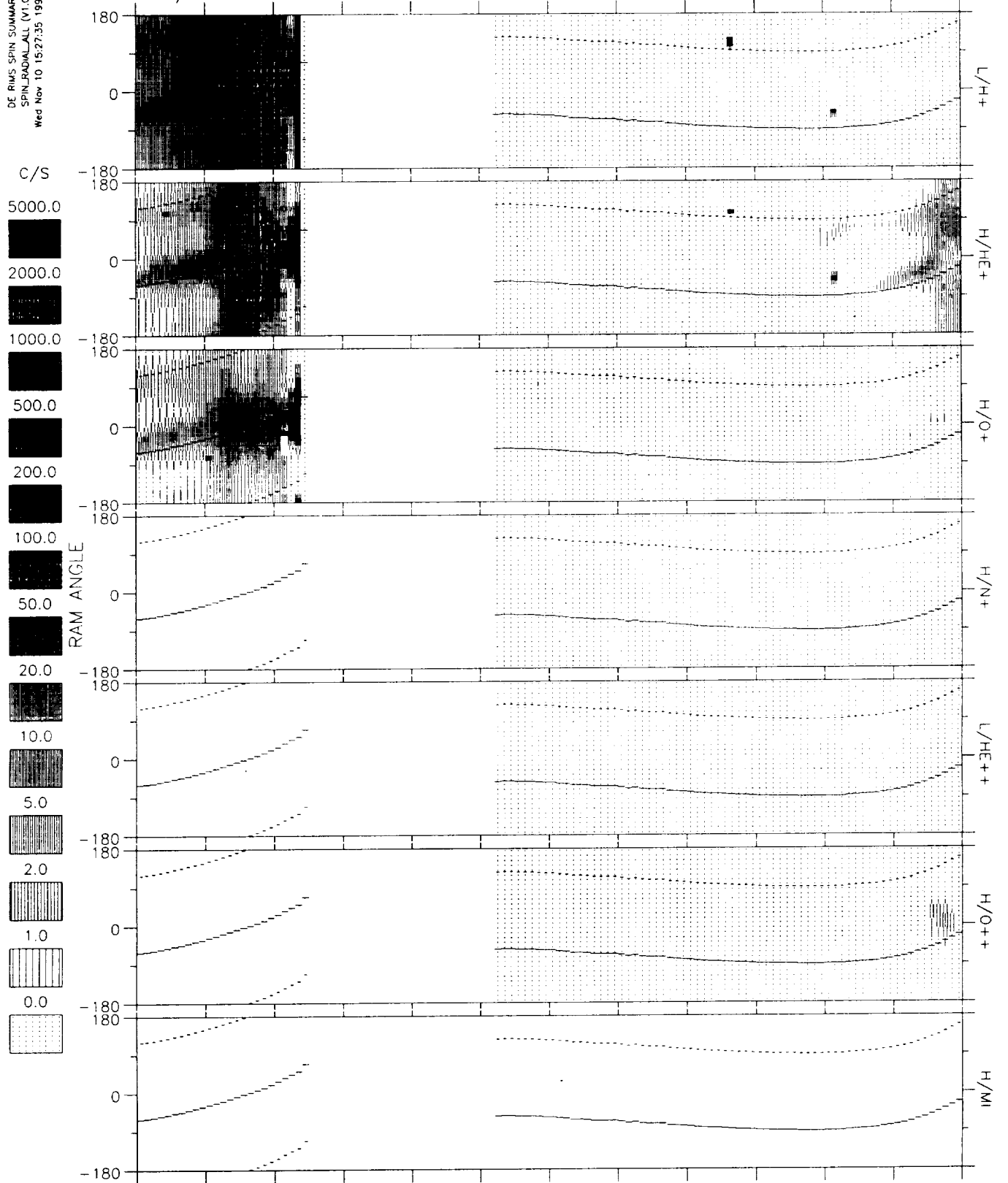
82/305 01-NOV 0800:00 - 1600:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	1000	1040	1120	0000	0000	0000	1400	1440	1520	HHMM
RE	0.0	0.0	1.1	2.4	3.4	0.0	0.0	0.0	4.5	4.1	3.4	RE
L	0.0	0.0	1.2	39.8	56.2	0.0	0.0	0.0	5.8	4.5	3.5	
MLT	0.0	0.0	20.3	21.8	7.4	0.0	0.0	0.0	8.6	8.5	8.4	HRS
MLAT	0.00	0.00	16.08	*****	*****	0.00	0.00	0.00	*****	*****	-2.56	DEGS
INVLAT	0.0	0.0	23.0	80.9	82.3	0.0	0.0	0.0	65.5	62.0	57.5	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Nov 10 15:27:35 1993

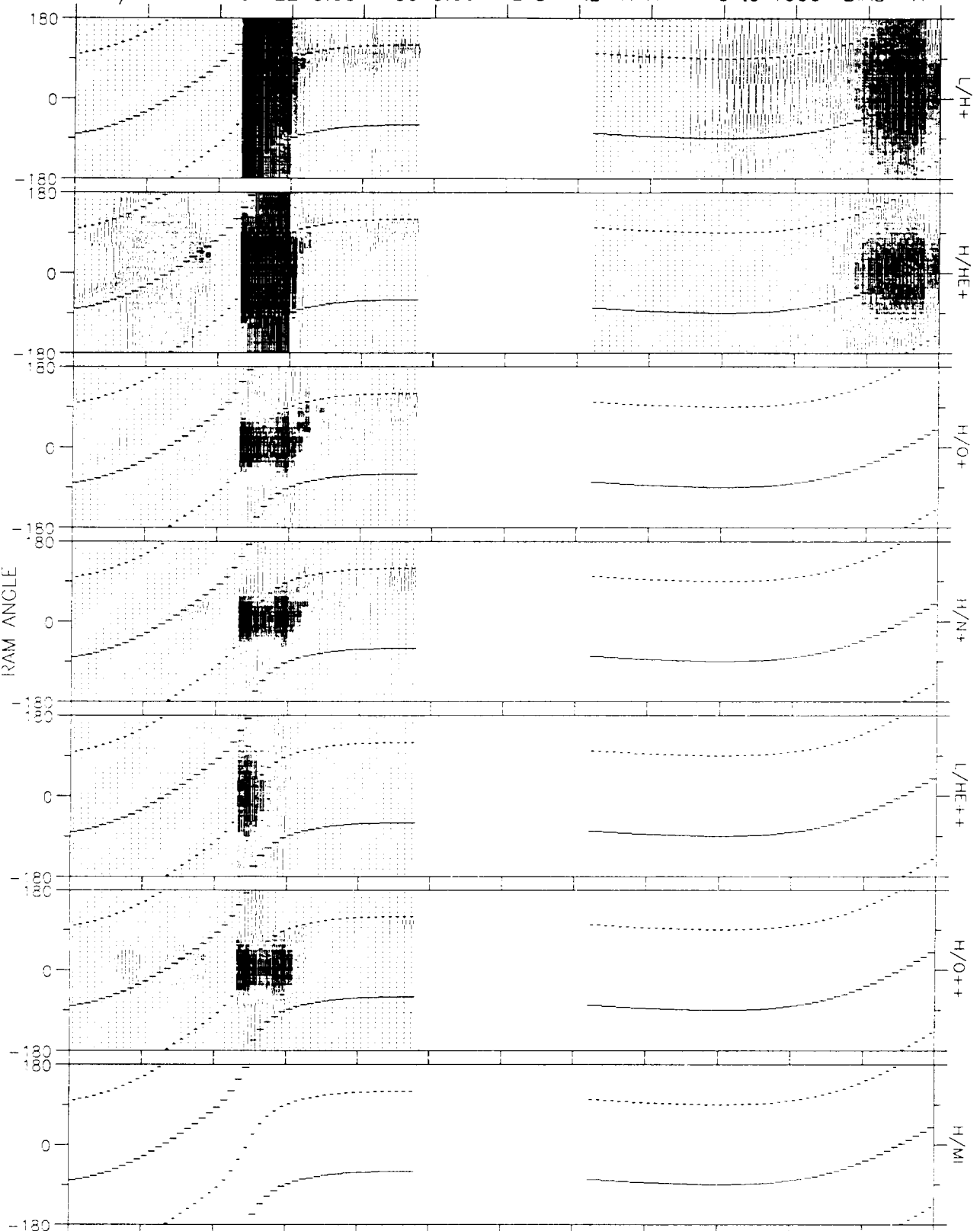
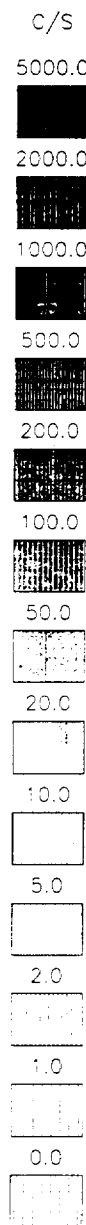
82/305 01-NOV 1500:00 - 2300:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1540	1620	0000	0000	0000	1900	1940	2020	2100	2140	2220	HHMM
RE	3.0	1.7	0.0	0.0	0.0	4.3	4.6	4.7	4.5	4.0	3.2	RE
L	3.0	3.9	0.0	0.0	0.0	30.2	18.1	12.2	8.4	5.6	3.4	
MLT	8.3	7.6	0.0	0.0	0.0	10.1	9.4	9.0	8.7	8.4	8.2	HRS
MLAT	7.72	48.72	0.00	0.00	0.00	*****	*****	*****	*****	*****	*****	DEGS
INVLAT	54.9	59.5	0.0	0.0	0.0	79.5	76.4	73.4	69.8	64.9	57.3	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Nov 10 15:29:58 1993

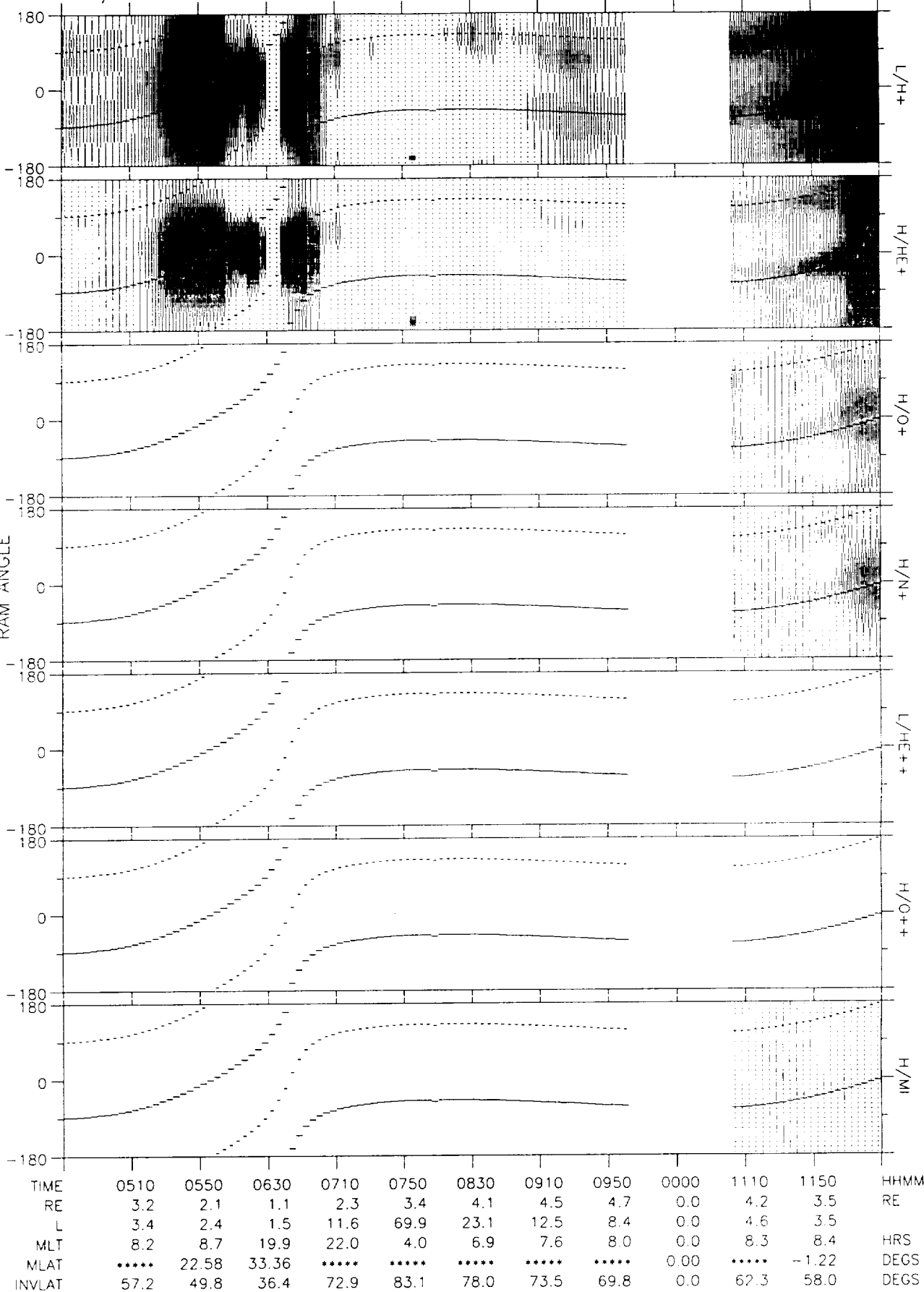
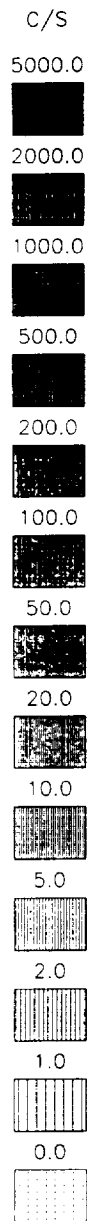
82/305 01-NOV 2215:00 - 0615:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	2255	2335	0015	0055	0000	0000	0000	0335	0415	0455	0535	HHMM
RE	2.2	1.1	2.2	3.3	0.0	0.0	0.0	4.6	4.2	3.6	2.6	RE
L	2.2	5.3	4.5	60.4	0.0	0.0	0.0	10.4	6.4	4.1	2.6	
MLT	8.0	20.4	20.0	20.5	0.0	0.0	0.0	7.6	7.8	8.1	8.5	HRS
MLAT	9.88	65.37	*****	*****	0.00	0.00	0.00	*****	*****	*****	6.67	DEGS
INVLAT	48.2	64.2	61.8	82.6	0.0	0.0	0.0	71.9	66.7	60.2	51.7	DEGS

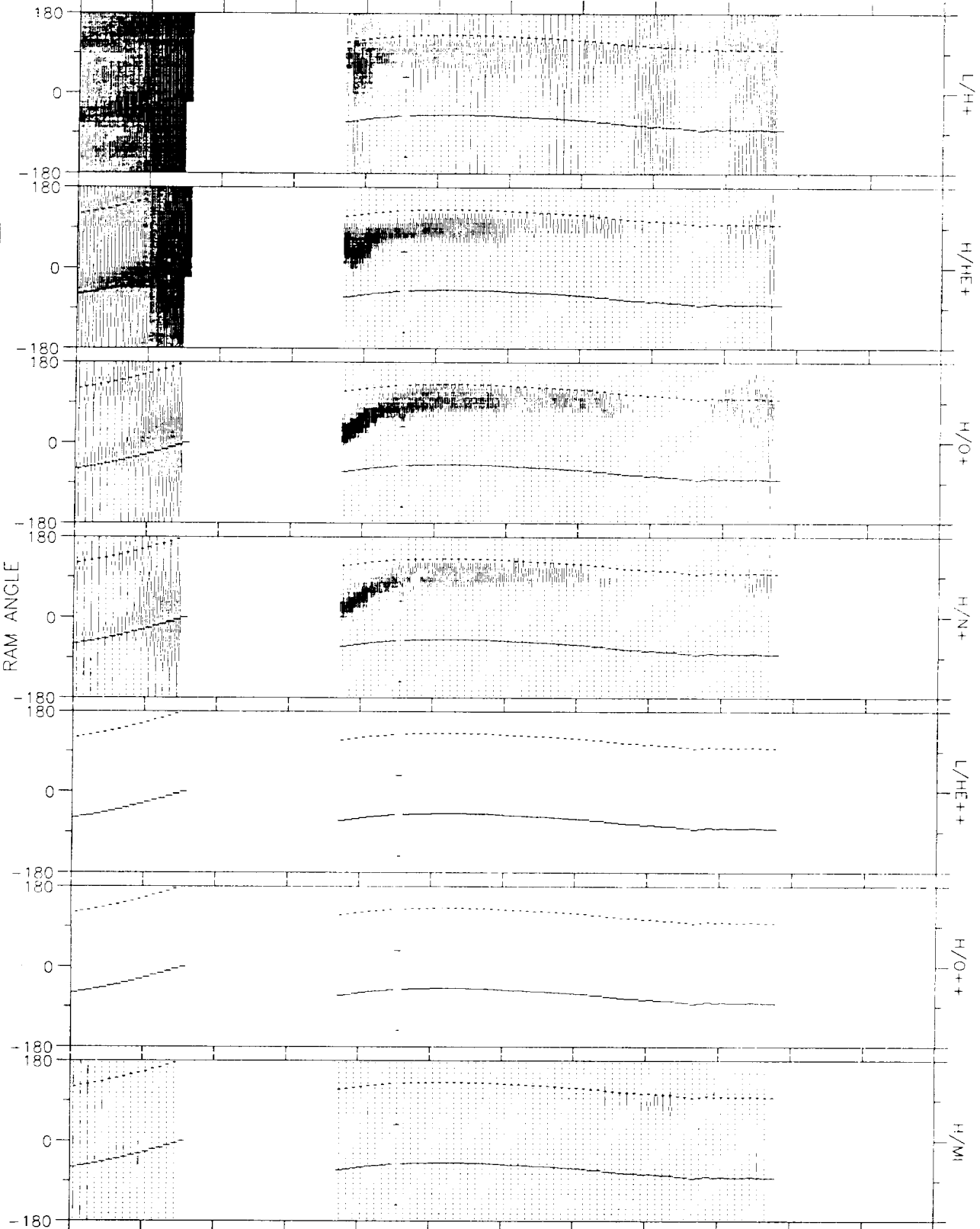
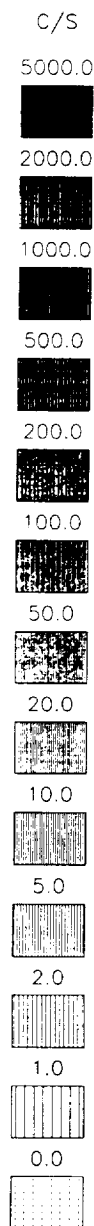
DE RIMS SPIN SUMMARY
SPIN 800K/ALL (V1.0)
Wed Nov 10 15:32:17 1993

82/306 02-NOV 0430:00 - 1230:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Wed Nov 10 15:34:30 1993

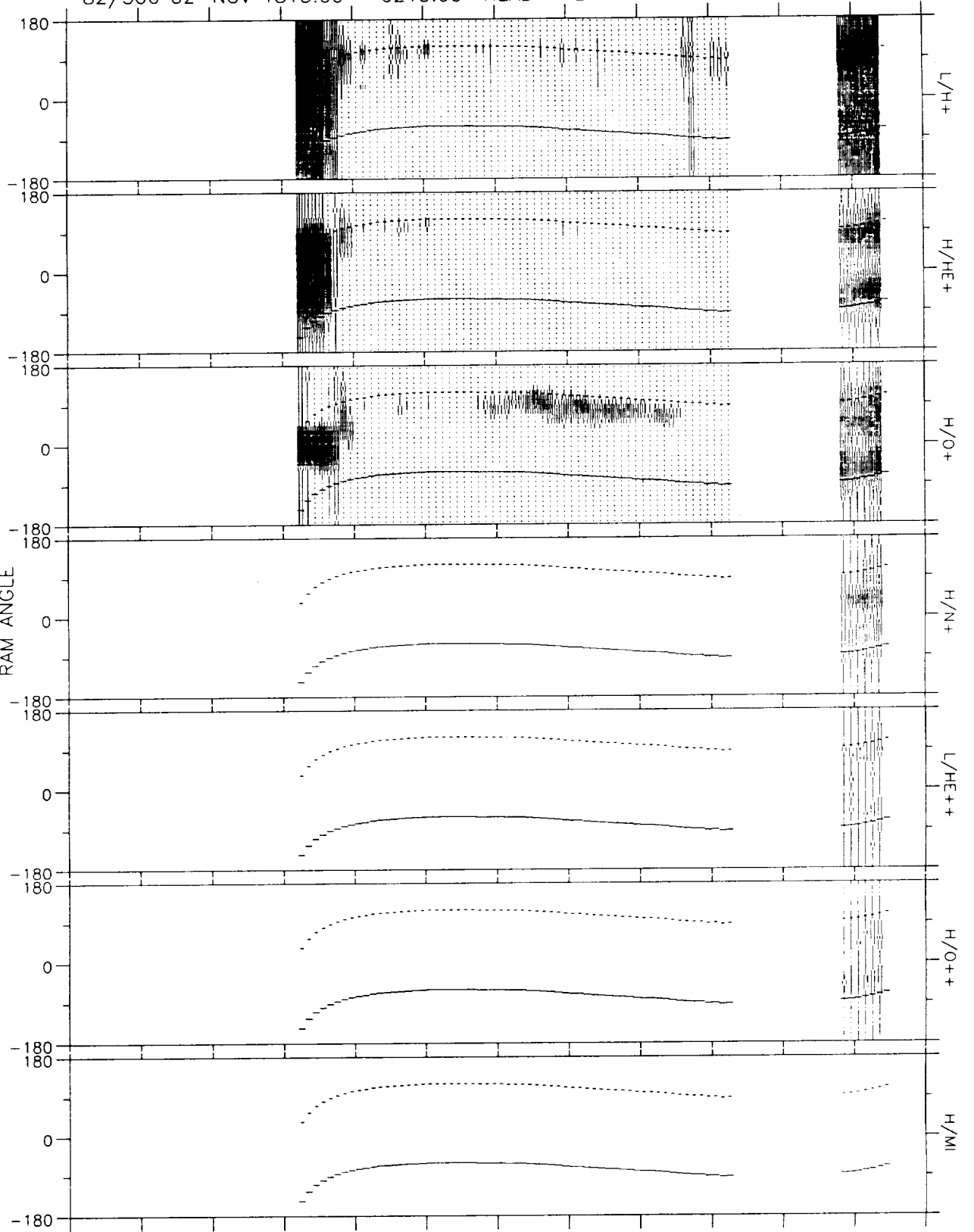
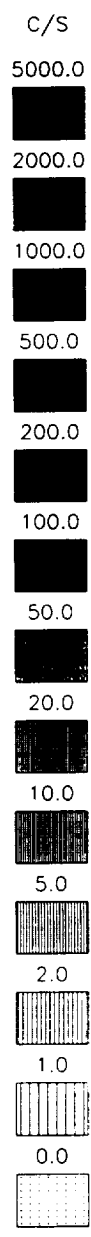
82/306 02-NOV 1130:00 - 1930:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1210	0000	0000	1410	1450	1530	1610	1650	1730	0000	0000	HHMM
RE	3.0	0.0	0.0	2.6	3.6	4.2	4.6	4.7	4.5	0.0	0.0	RE
L	3.2	0.0	0.0	99.8	44.2	17.8	11.5	8.5	6.5	0.0	0.0	
MLT	8.4	0.0	0.0	18.3	9.9	9.3	9.1	8.9	8.7	0.0	0.0	HRS
MLAT	9.66	0.00	0.00	*****	*****	*****	*****	*****	*****	0.00	0.00	DEGS
INVLAT	55.8	0.0	0.0	84.2	81.3	76.3	72.9	70.0	66.9	0.0	0.0	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Wed Nov 10 15:36:39 1993

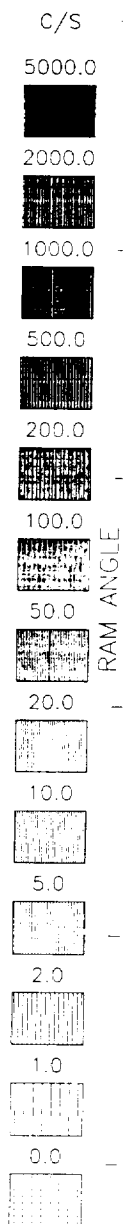
82/306 02-NOV 1815:00 - 0215:00 HEAD= RL RPA= 0 to 1000 BIAS= A



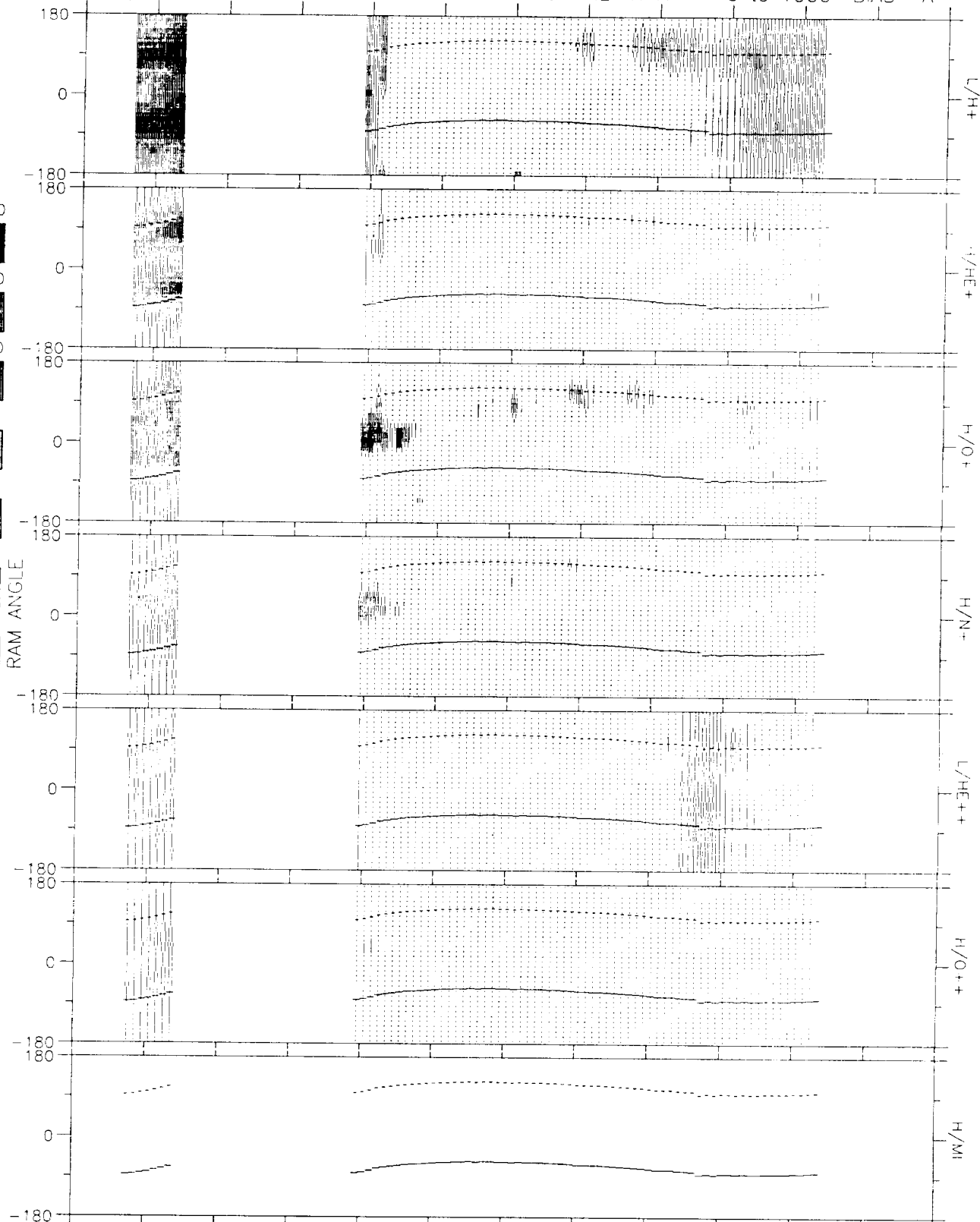
TIME	0000	0000	0000	2055	2135	2215	2255	2335	0015	0000	0135	HHMM
RE	0.0	0.0	0.0	2.4	3.5	4.2	4.5	4.7	4.5	0.0	3.4	RE
L	0.0	0.0	0.0	8.6	100.0	100.0	42.1	19.7	11.0	0.0	3.8	HRS
MLT	0.0	0.0	0.0	19.0	16.6	10.4	8.8	8.3	8.0	0.0	8.0	DEGS
MLAT	0.00	0.00	0.00	*****	*****	*****	*****	*****	*****	0.00	*****	DEGS
INVLAT	0.0	0.0	0.0	70.1	84.4	85.3	81.1	77.0	72.5	0.0	59.4	

DE RIMS SPIN SUMMARY
SPIN RADIALCALL (V1.0)
Wed Nov 10 15:38:17 1993

82/307 03-NOV 0100:00 - 0900:00 HEAD= RL RPA= 0 to 1000 BIAS= A



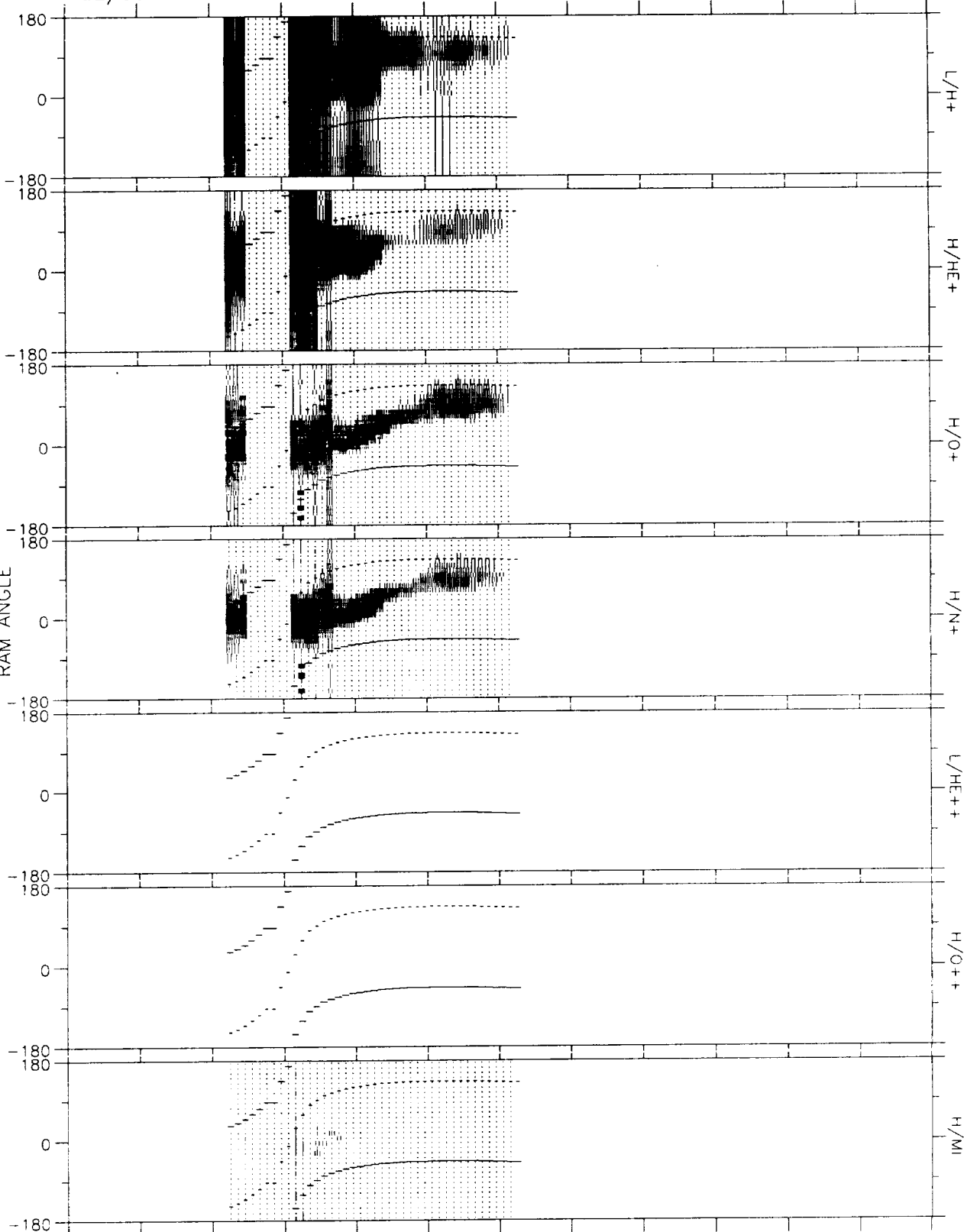
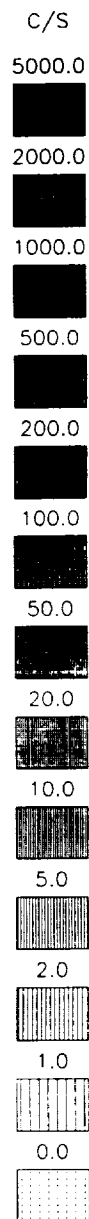
RAM ANGLE



TIME	0140	0000	0000	0340	0420	0500	0540	0620	0700	0740	0000	HHMM
RE	3.3	0.0	0.0	2.2	3.4	4.1	4.5	4.7	4.6	4.2	0.0	RE
L	3.6	0.0	0.0	5.8	70.1	54.0	21.0	11.8	7.7	5.3	0.0	
MLT	8.0	0.0	0.0	20.9	1.5	5.4	6.8	7.4	7.8	8.0	0.0	HRS
MLAT	*****	0.00	0.00	*****	*****	*****	*****	*****	*****	*****	0.00	DEGS
INVLAT	58.2	0.0	0.0	65.4	83.1	82.2	77.4	73.0	68.8	64.3	0.0	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Nov 10 17:36:43 1993

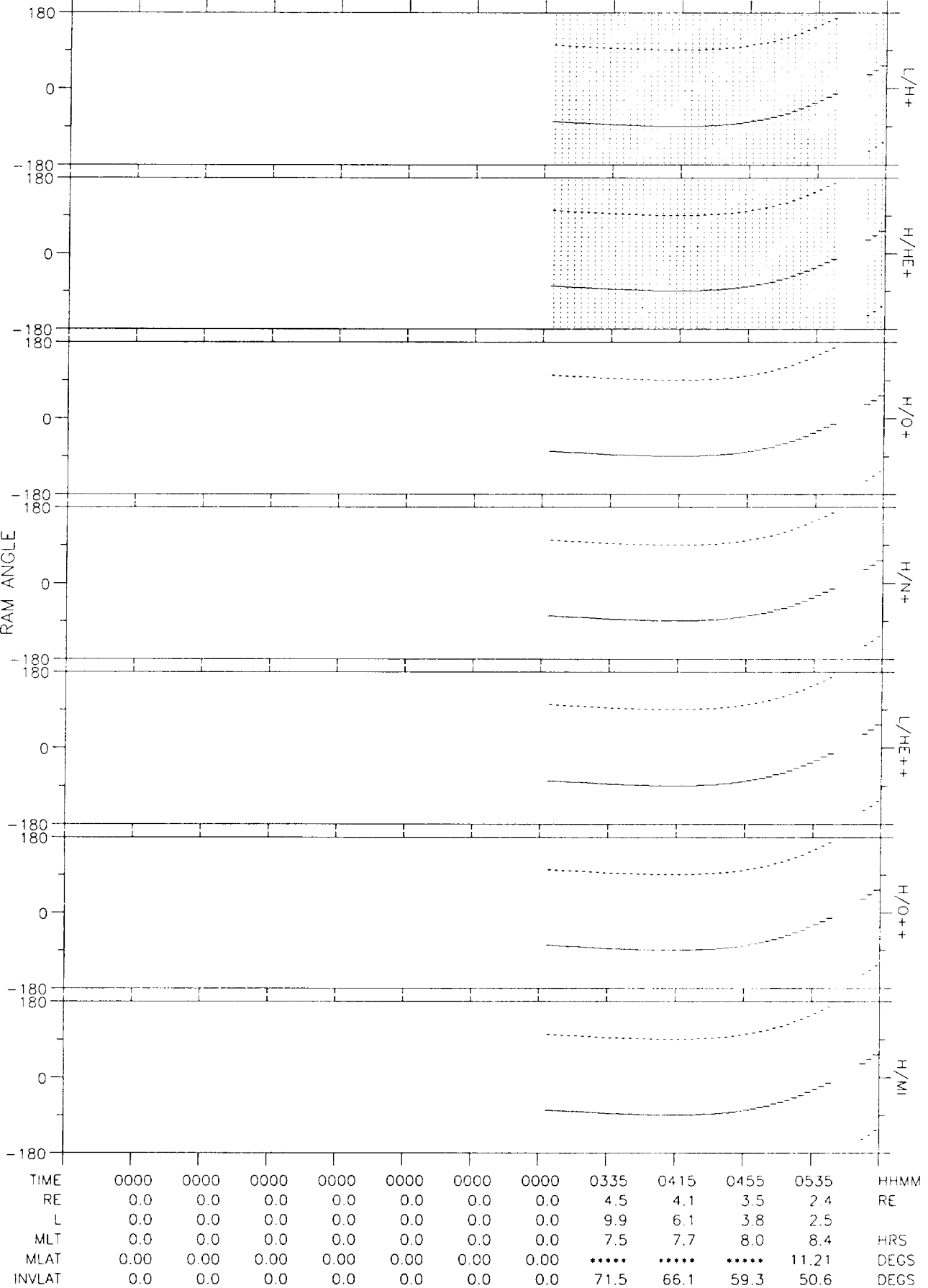
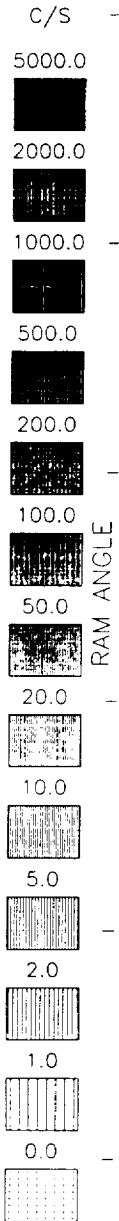
82/307 03-NOV 0800:00 - 1600:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	1000	1040	1120	1200	0000	0000	0000	0000	0000	HHMM
RE	0.0	0.0	1.2	2.5	3.6	4.2	0.0	0.0	0.0	0.0	0.0	RE
L	0.0	0.0	1.2	85.7	46.2	16.1	0.0	0.0	0.0	0.0	0.0	HRS
MLT	0.0	0.0	20.4	22.2	7.5	8.2	0.0	0.0	0.0	0.0	0.0	DEGS
MLAT	0.00	0.00	-5.79	*****	*****	*****	0.00	0.00	0.00	0.00	0.00	DEGS
INVLAT	0.0	0.0	23.5	83.8	81.5	75.5	0.0	0.0	0.0	0.0	0.0	

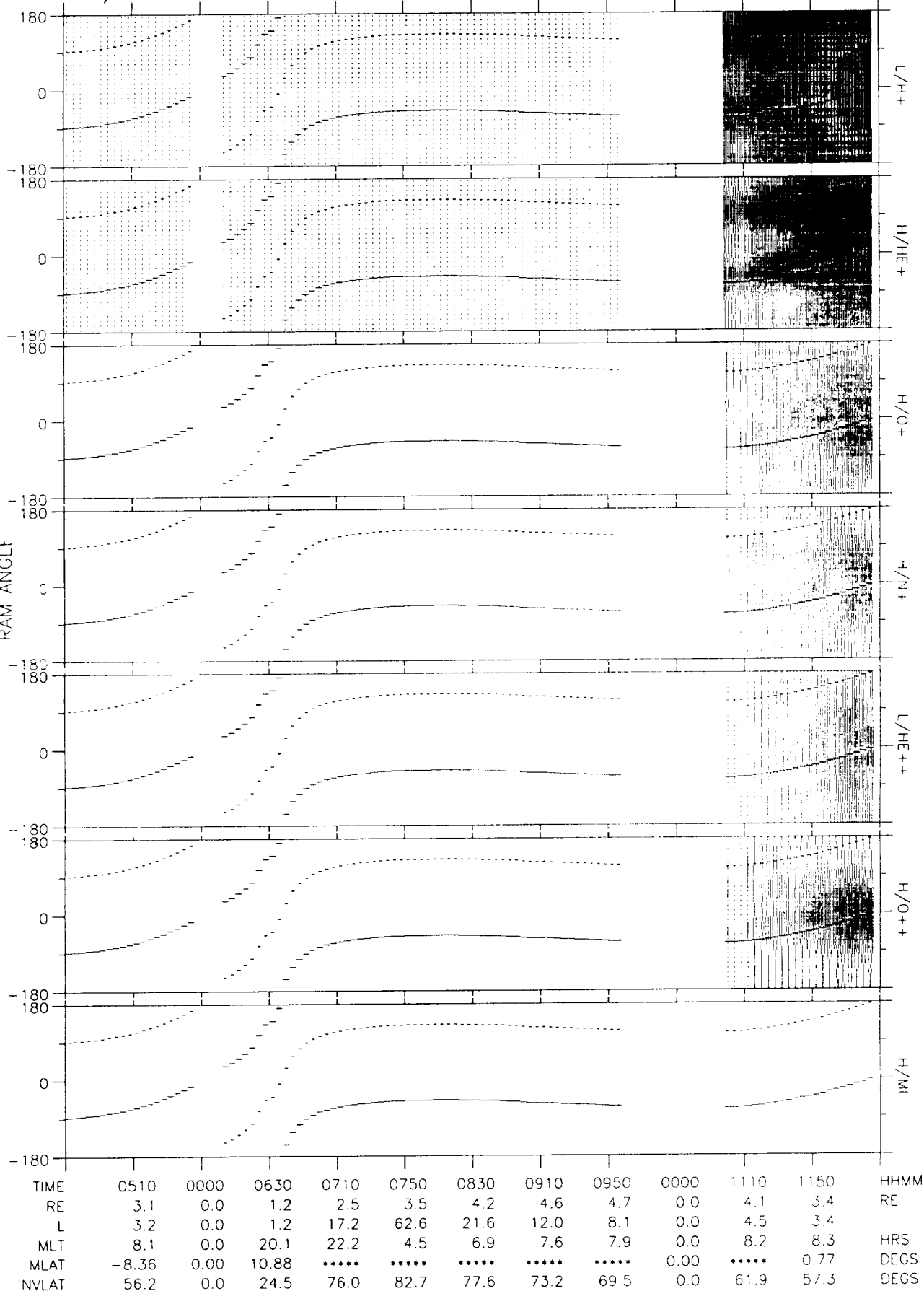
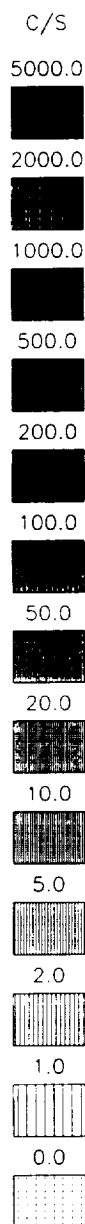
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Wed Nov 10 17:38:33 1993

82/307 03-NOV 2215:00 - 0615:00 HEAD= RL RPA= 0 to 1000 BIAS= A



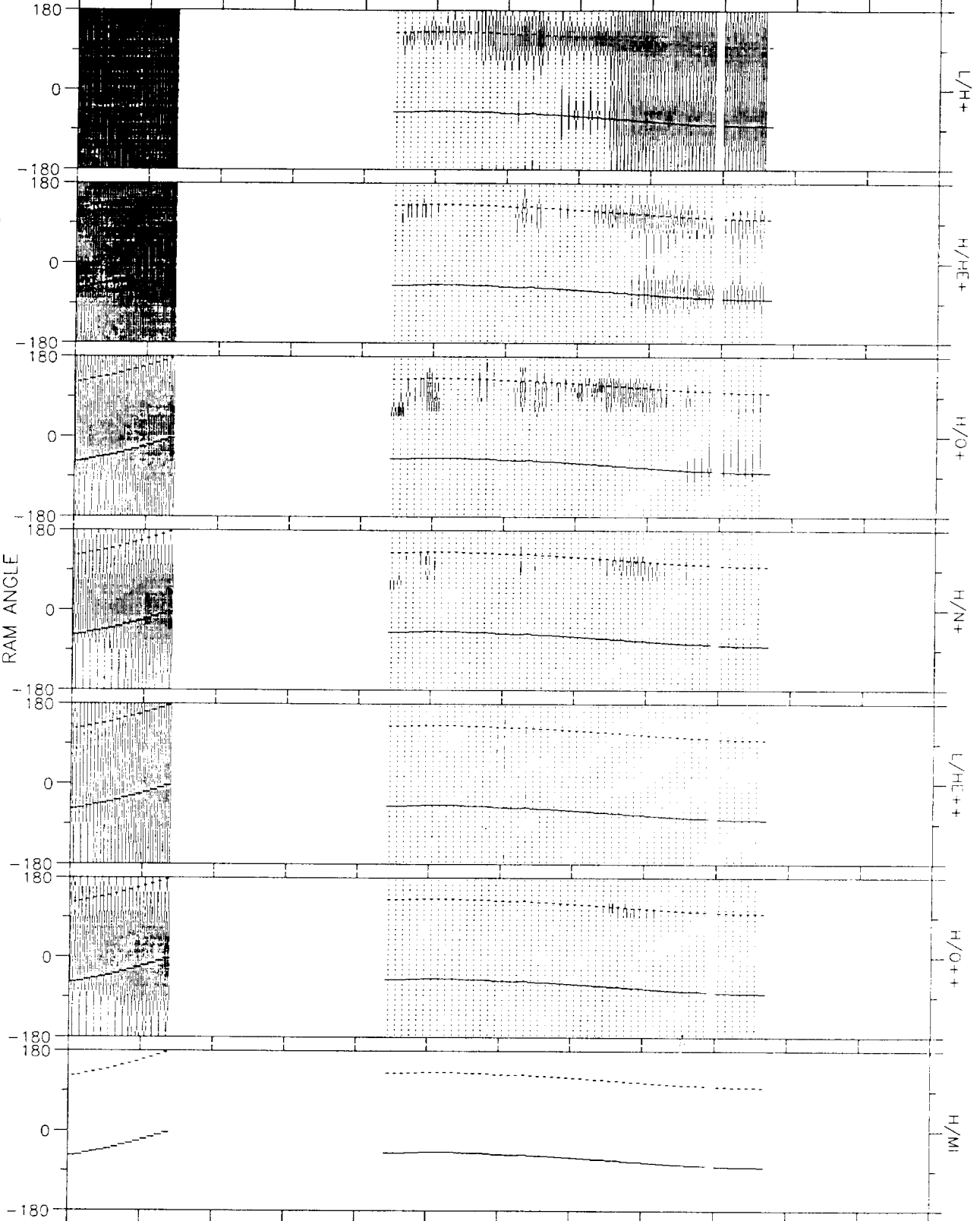
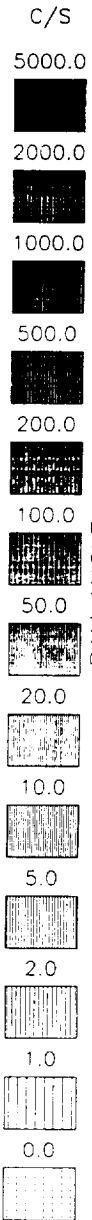
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Wed Nov 10 17:39:44 1993

82/308 04-NOV 0430:00 - 1230:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN-RADIALALL (V1.0)
Wed Nov 10 17:41:57 1993

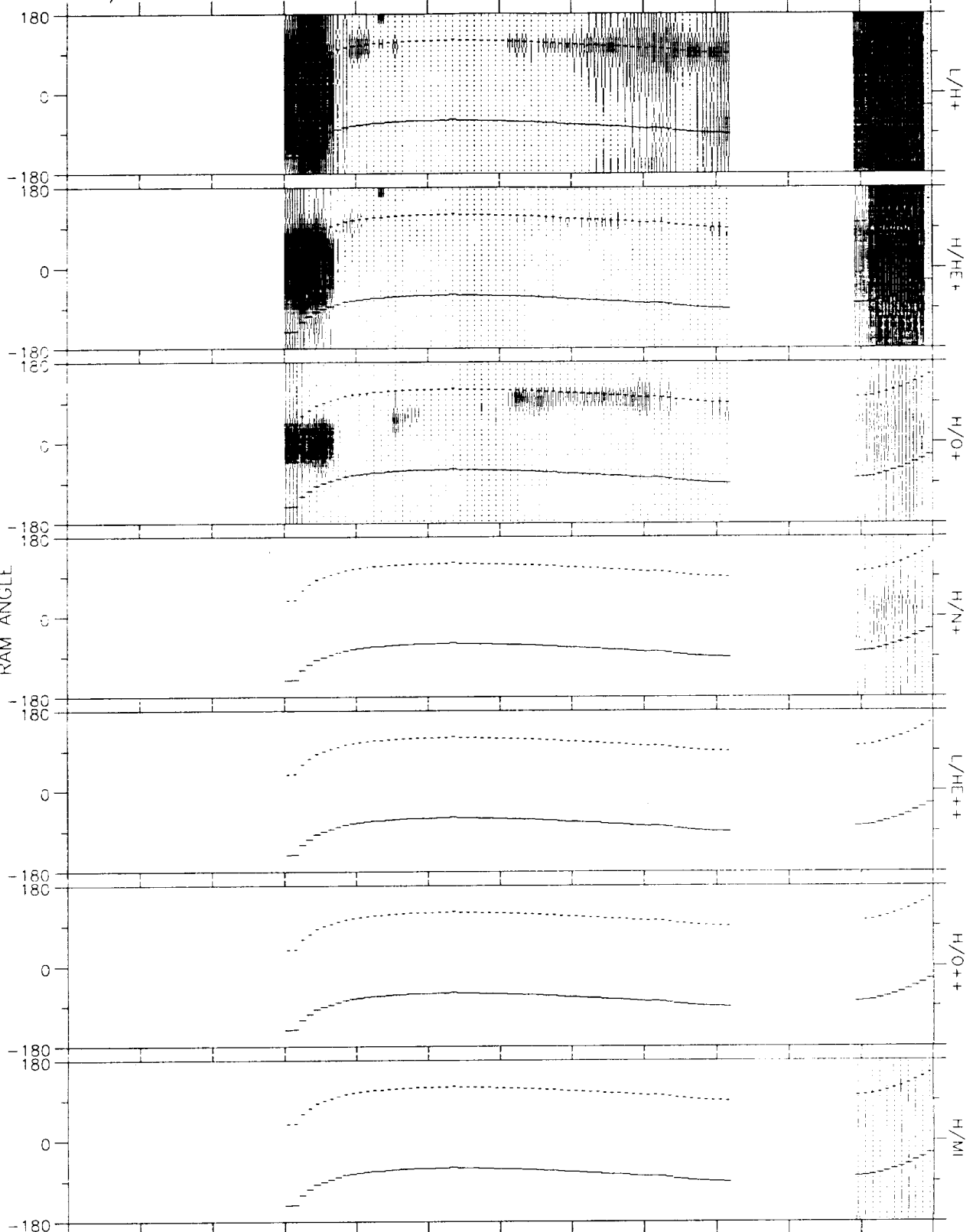
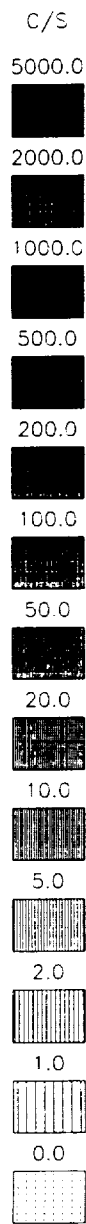
82/308 04-NOV 1130:00 - 1930:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1210	0000	0000	0000	1450	1530	1610	1650	1730	0000	0000	HHMM
RE	2.9	0.0	0.0	0.0	3.7	4.3	4.6	4.6	4.4	0.0	0.0	RE
L	3.1	0.0	0.0	0.0	39.1	17.1	11.3	8.4	6.4	0.0	0.0	
MLT	8.3	0.0	0.0	0.0	9.7	9.1	8.9	8.8	8.6	0.0	0.0	HRS
MLAT	12.55	0.00	0.00	0.00	*****	*****	*****	*****	*****	0.00	0.00	DEGS
INVLAT	55.3	0.0	0.0	0.0	80.8	76.0	72.7	69.8	66.6	0.0	0.0	DEGS

DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Wed Nov 10 17:44:11 1993

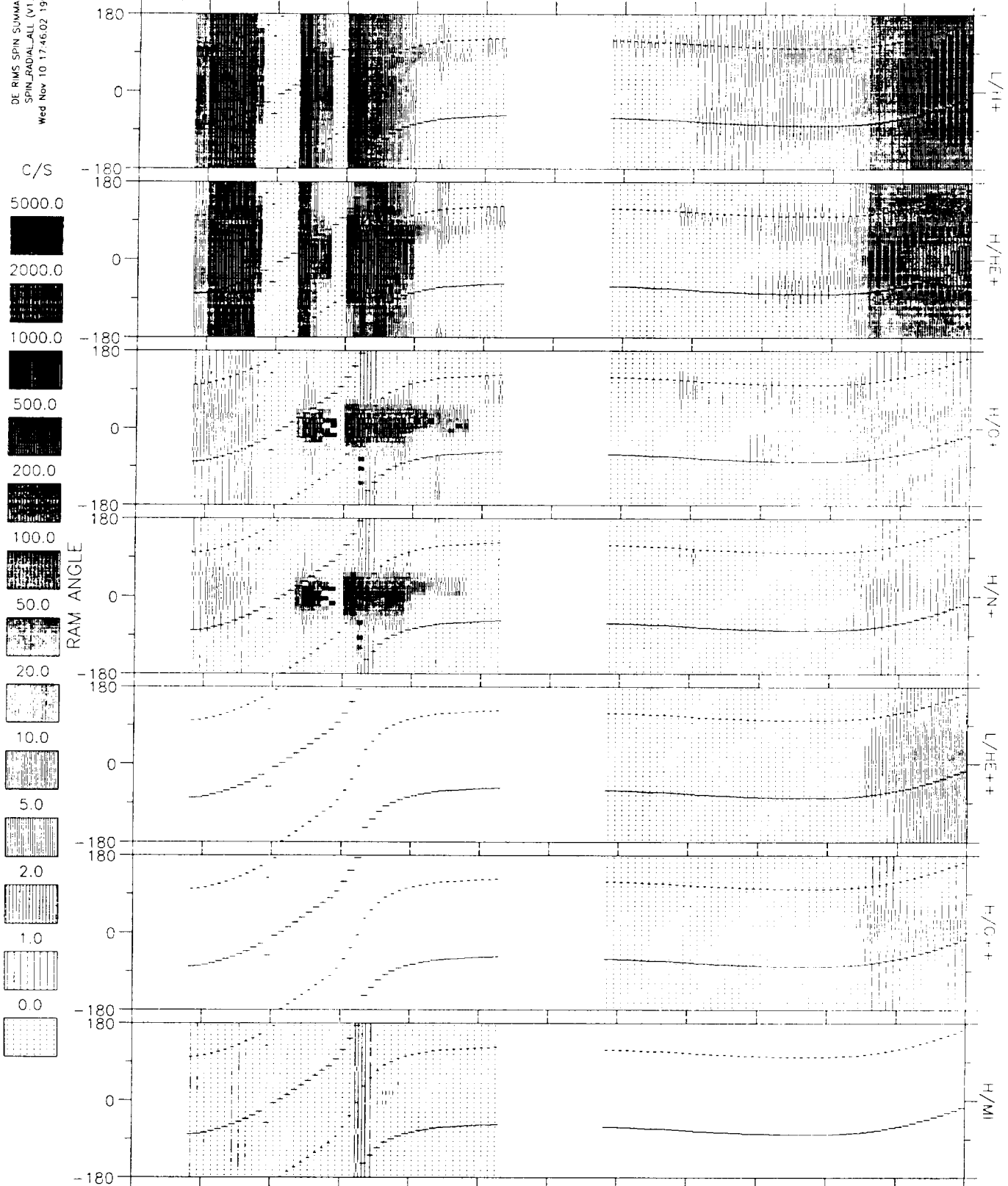
82/308 04-NOV 1815:00 - 0215:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	2015	2055	2135	2215	2255	2335	0015	0000	0135	HHMM
RE	0.0	0.0	1.3	2.6	3.6	4.2	4.6	4.7	4.5	0.0	3.3	RE
L	0.0	0.0	1.3	11.3	100.0	100.0	39.8	18.8	10.6	0.0	3.6	
MLT	0.0	0.0	19.9	18.8	15.9	10.0	8.6	8.1	7.9	0.0	7.8	HRS
MLAT	0.00	0.00	2.84	*****	*****	*****	*****	*****	*****	0.00	*****	DECS
INVLAT	0.0	0.0	30.3	72.7	85.1	85.1	80.9	76.7	72.1	0.0	58.2	DECS

DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Wed Nov 10 17:46:02 1993

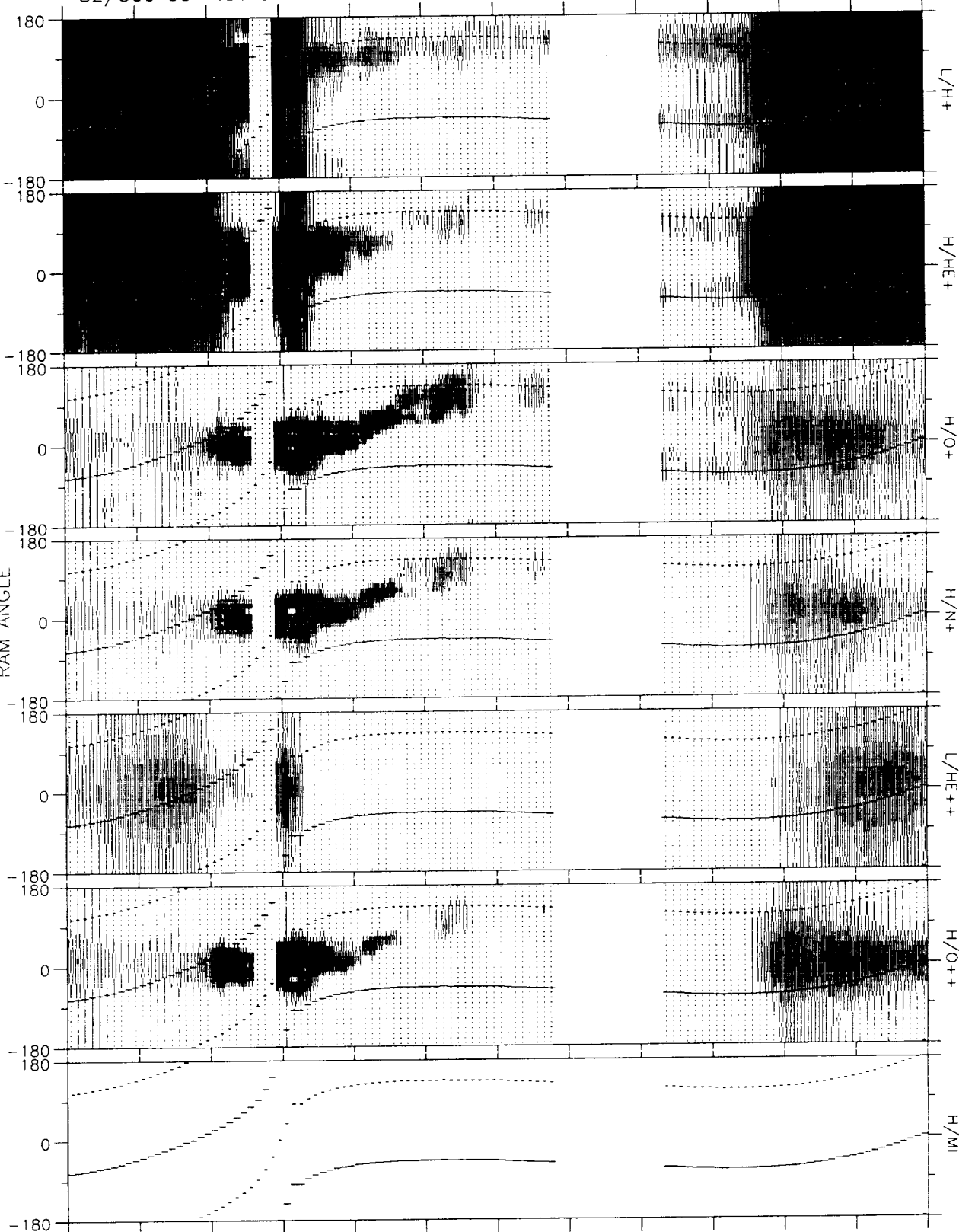
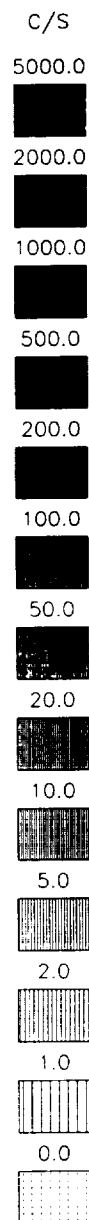
82/309 05-NOV 0100:00 - 0900:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0140	0220	0300	0340	0420	0000	0540	0620	0700	0740	0820	HHMM
RE	3.2	2.0	1.1	2.4	3.5	0.0	4.5	4.7	4.5	4.1	3.4	RE
L	3.4	2.2	1.5	7.9	83.6	0.0	19.7	11.3	7.6	5.1	3.6	
MLT	7.8	8.1	19.7	21.0	0.6	0.0	6.8	7.3	7.6	7.9	8.2	HRS
MLAT	*****	18.94	28.47	*****	*****	0.00	*****	*****	*****	*****	-6.04	DECS
INVLAT	57.0	47.8	34.2	69.1	83.7	0.0	77.0	72.7	68.8	63.7	58.0	DECS

DE RMS SPIN SUMMARY
SPIN-RADIAL (V1.0)
Wed Nov 10 17:49:06 1993

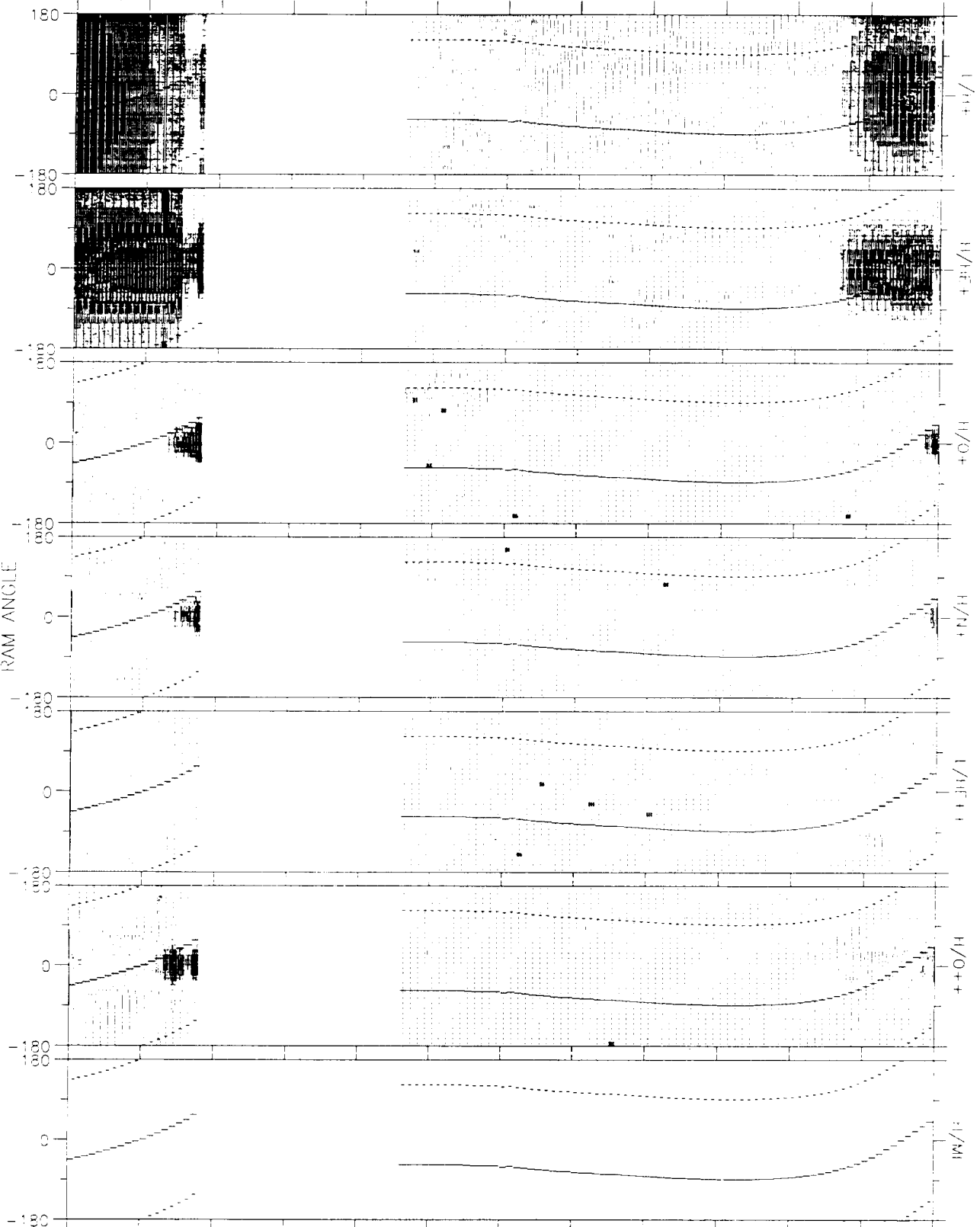
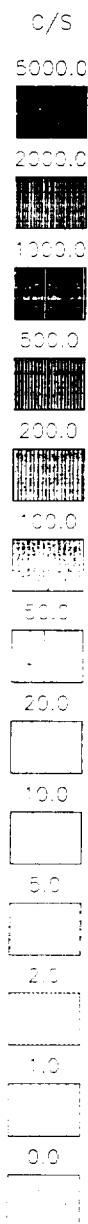
82/309 05-NOV 0800:00 - 1600:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0840	0920	1000	1040	1120	1200	0000	0000	1400	1440	1520	HHMM
RE	2.9	1.7	1.3	2.7	3.7	4.3	0.0	0.0	4.5	4.0	3.2	RE
L	3.0	3.8	1.4	100.0	39.5	15.4	0.0	0.0	5.6	4.3	3.2	HRS
MLT	8.3	9.0	20.4	22.8	7.5	8.1	0.0	0.0	8.3	8.2	8.1	DEGS
MLAT	5.92	52.38	*****	*****	*****	*****	0.00	0.00	*****	*****	1.11	DEGS
INVLAT	54.8	59.1	33.1	85.9	80.8	75.2	0.0	0.0	64.9	61.1	56.0	

DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Wed Nov 10 17:52:57 1993

82/309 05-NOV 1515:00 - 2315:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1555	0000	0000	0000	1835	1915	1955	2035	2115	2155	2235	HHMM
RE	2.2	0.0	0.0	0.0	4.1	4.5	4.7	4.6	4.2	3.5	2.5	RE
L	2.7	0.0	0.0	0.0	43.7	23.5	15.1	10.1	6.7	4.2	2.5	
MLT	7.8	0.0	0.0	0.0	10.5	9.4	8.9	8.5	8.2	8.0	7.8	HRS
MLAT	27.25	0.00	0.00	0.00							-0.53	DEGS
INVLAT	52.9	0.0	0.0	0.0	81.3	78.1	75.1	71.7	67.3	60.8	50.4	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Wed Nov 10 17:55:47 1993

82/309 05-NOV 2130:00 - 0530:00 HEAD= RL RPA= 0 to 1000 BIAS= A

C/S

5000.0

2000.0

1000.0

500.0

200.0

100.0

50.0

20.0

10.0

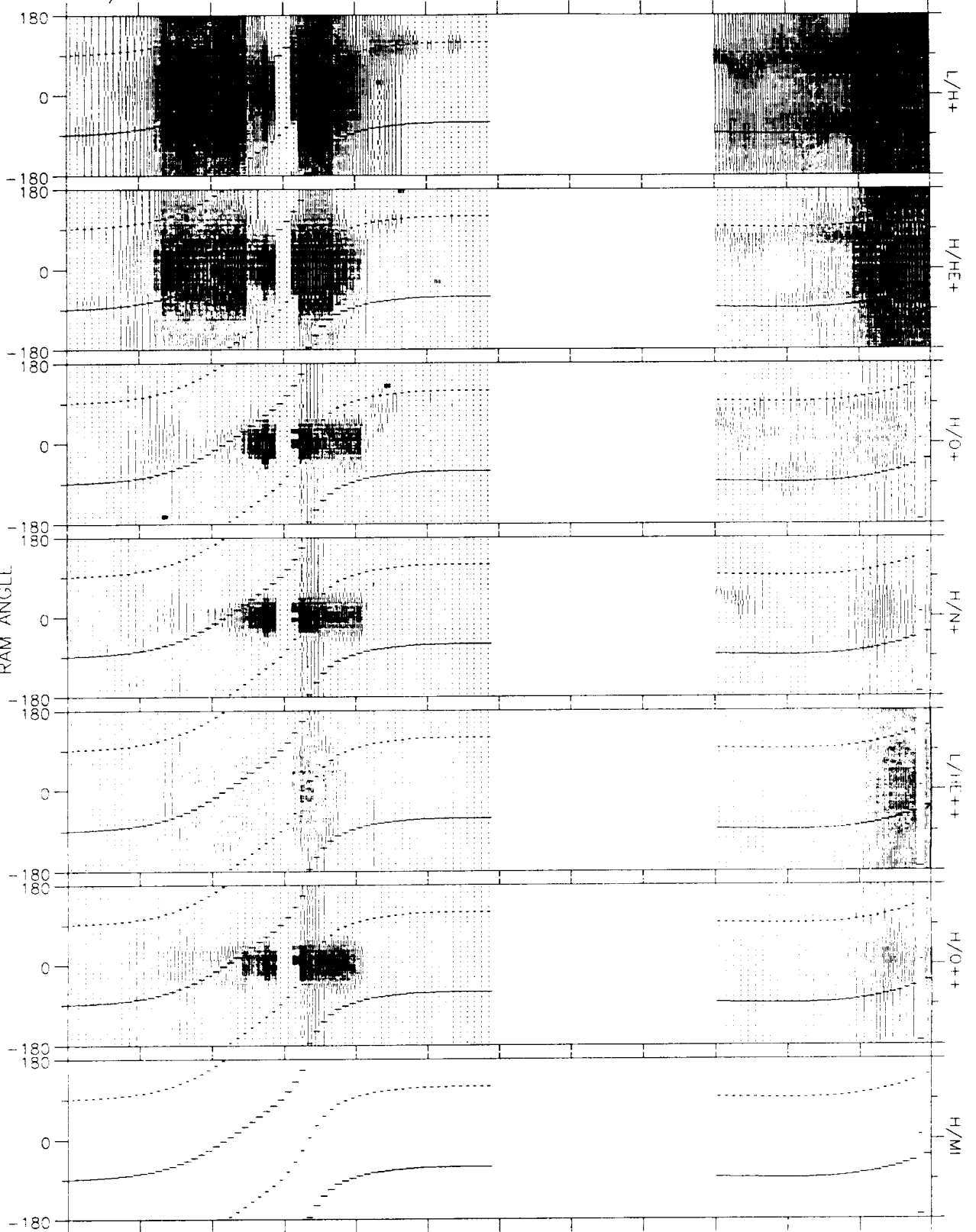
5.0

2.0

1.0

0.0

RAM ANGLE



TIME	2210	2250	2330	0010	0050	0000	0000	0000	0330	0410	0450	HH/M
RE	3.2	2.0	1.1	2.4	3.4	0.0	0.0	0.0	4.5	4.1	3.5	RE
L	3.4	2.2	1.9	5.9	80.4	0.0	0.0	0.0	10.1	6.2	3.8	
MLT	7.9	7.7	19.9	19.8	20.4	0.0	0.0	0.0	7.3	7.6	7.8	HRS
MLAT	*****	15.51	39.55	*****	*****	0.00	0.00	0.00	*****	*****	*****	DEGS
INVLAT	57.4	47.2	43.1	65.7	83.6	0.0	0.0	0.0	71.6	66.2	59.3	DEGS

DE RMS SPIN SUMMARY
SPIN_RADIAL_ALL (V10)
Wed Nov 10 18:48:40 1993

82/310 06-NOV 0430:00 - 1230:00 HEAD= RL RPA= 0 to 1000 BIAS= A

C/S

5000.0

2000.0

1000.0

500.0

200.0

100.0

50.0

20.0

10.0

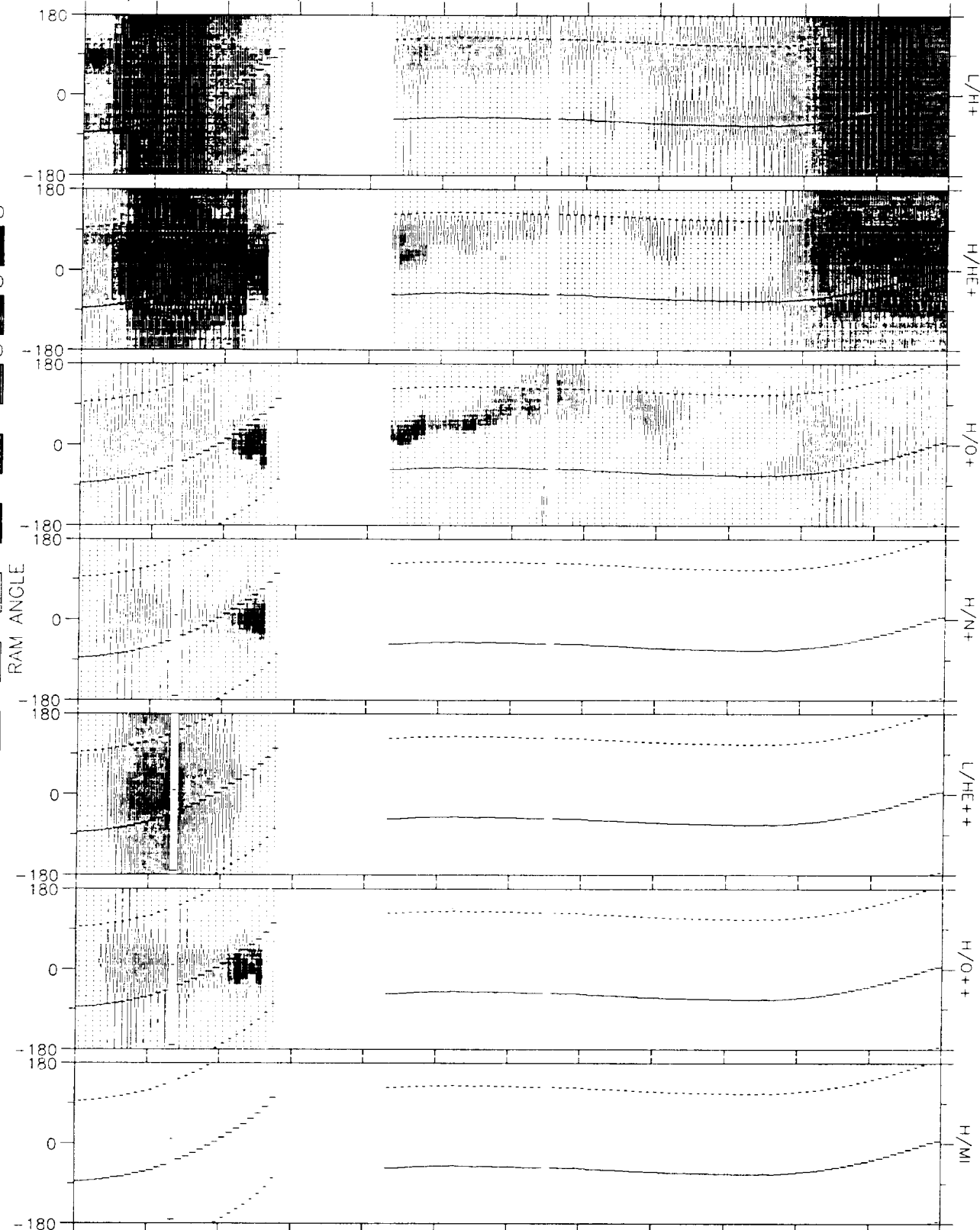
5.0

2.0

1.0

0.0

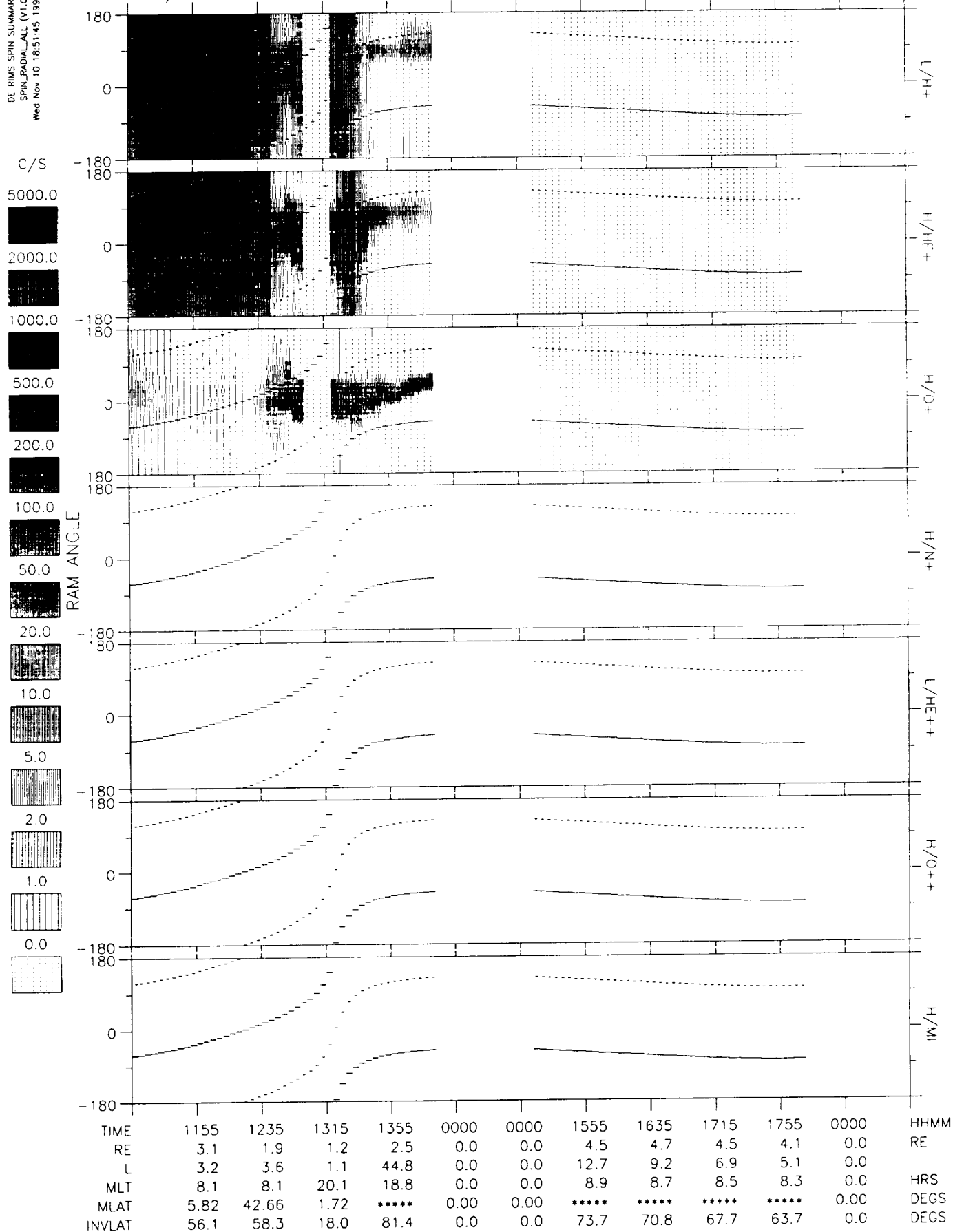
RAM ANGLE



TIME	0510	0550	0000	0000	0750	0830	0910	0950	1030	1110	1150	HHMM
RE	3.0	1.7	0.0	0.0	3.6	4.2	4.6	4.7	4.5	4.0	3.2	RE
L	3.0	2.7	0.0	0.0	55.5	20.2	11.6	7.9	5.8	4.4	3.3	
MLT	8.0	8.8	0.0	0.0	4.9	6.9	7.5	7.8	8.0	8.1	8.1	HRS
MLAT	-5.39	38.55	0.00	0.00	*****	*****	*****	*****	*****	*****	2.96	DEGS
INVLAT	55.0	52.3	0.0	0.0	82.3	77.1	72.9	69.2	65.5	61.4	56.7	DEGS

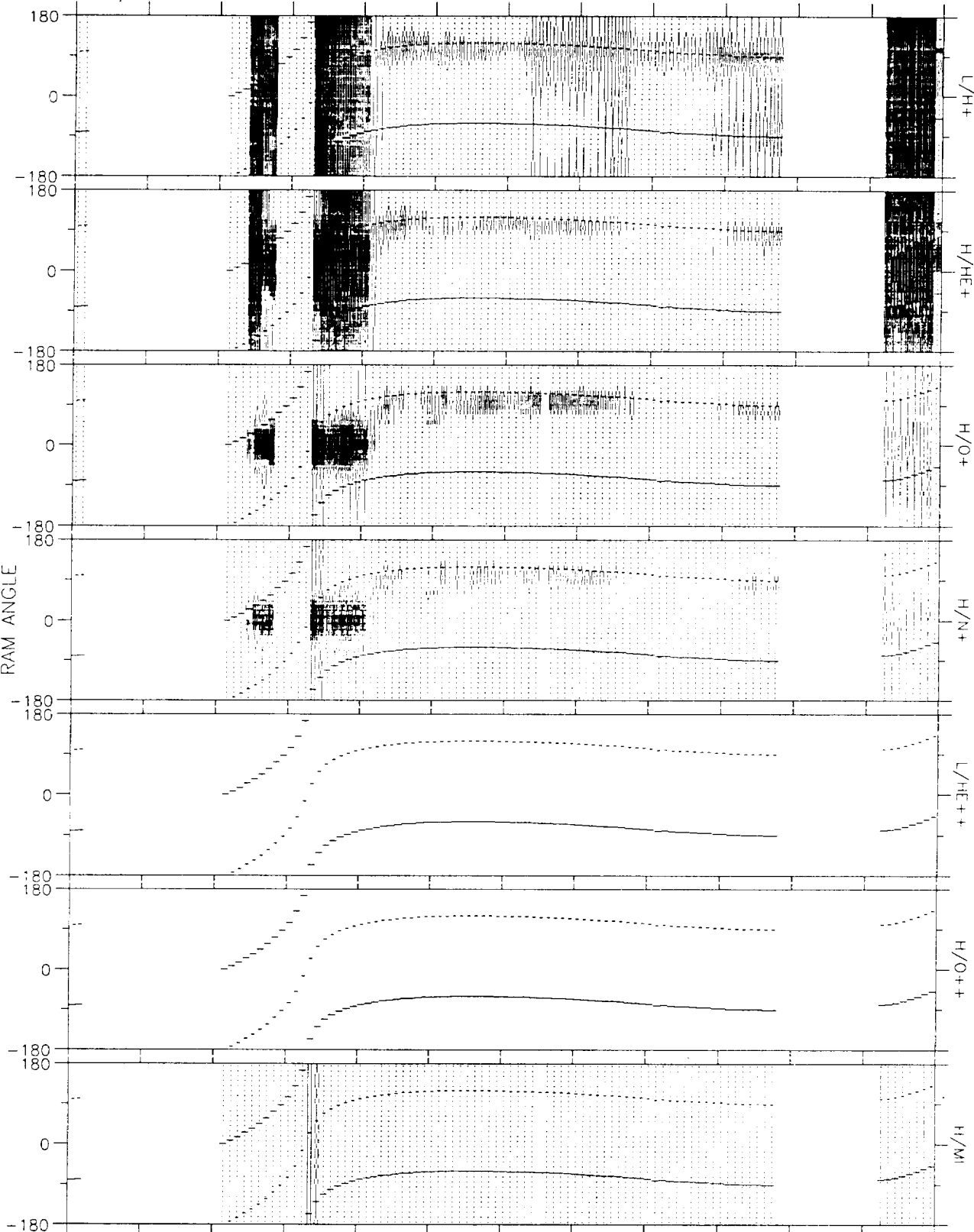
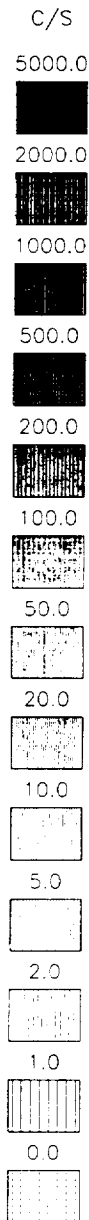
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Nov 10 18:51:45 1993

82/310 06-NOV 1115:00 - 1915:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN RADIAL LALL (V1.0)
Wed Nov 10 18:54:00 1993

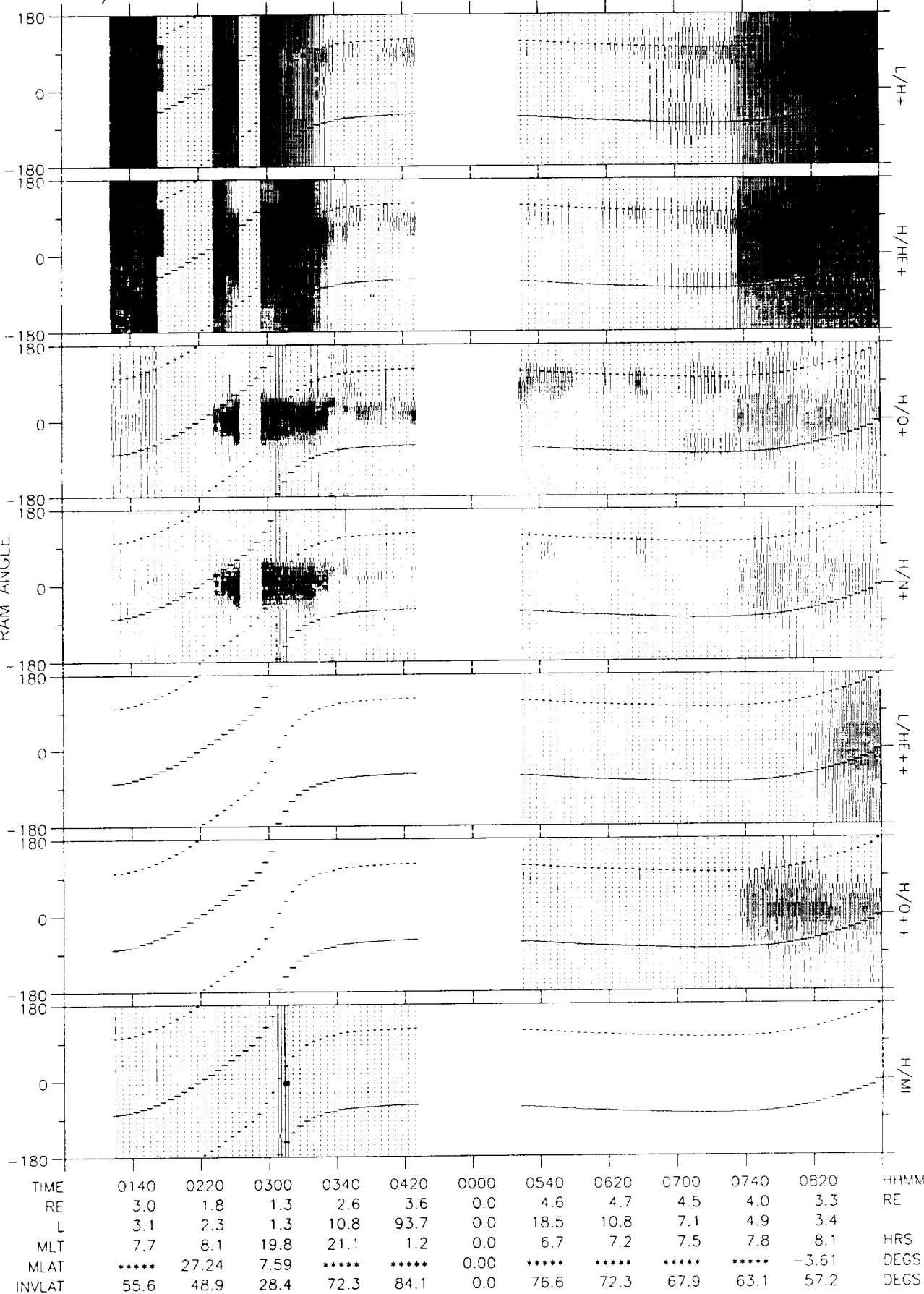
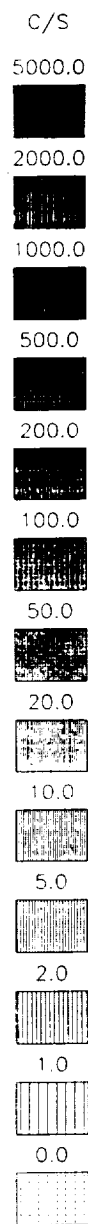
82/310 06-NOV 1800:00 - 0200:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	2000	2040	2120	2200	2240	2320	0000	0000	0000	HHMM
RE	0.0	0.0	1.1	2.3	3.4	4.1	4.5	4.7	4.5	0.0	0.0	RE
L	0.0	0.0	1.6	6.4	68.6	100.0	54.6	23.2	12.4	0.0	0.0	
MLT	0.0	0.0	20.4	18.9	17.1	10.9	8.6	8.0	7.8	0.0	0.0	HRS
MLAT	0.00	0.00	42.15	*****	*****	*****	*****	*****	*****	0.00	0.00	DEGS
INVLAT	0.0	0.0	38.2	66.7	83.1	86.2	82.2	78.0	73.5	0.0	0.0	DEGS

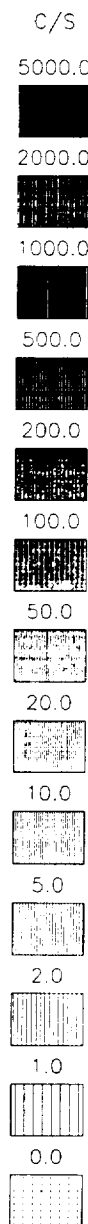
DE RMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Wed Nov 10 18:56:19 1993

82/311 07-NOV 0100:00 - 0900:00 HEAD= RL RPA= 0 to 1000 BIAS= A

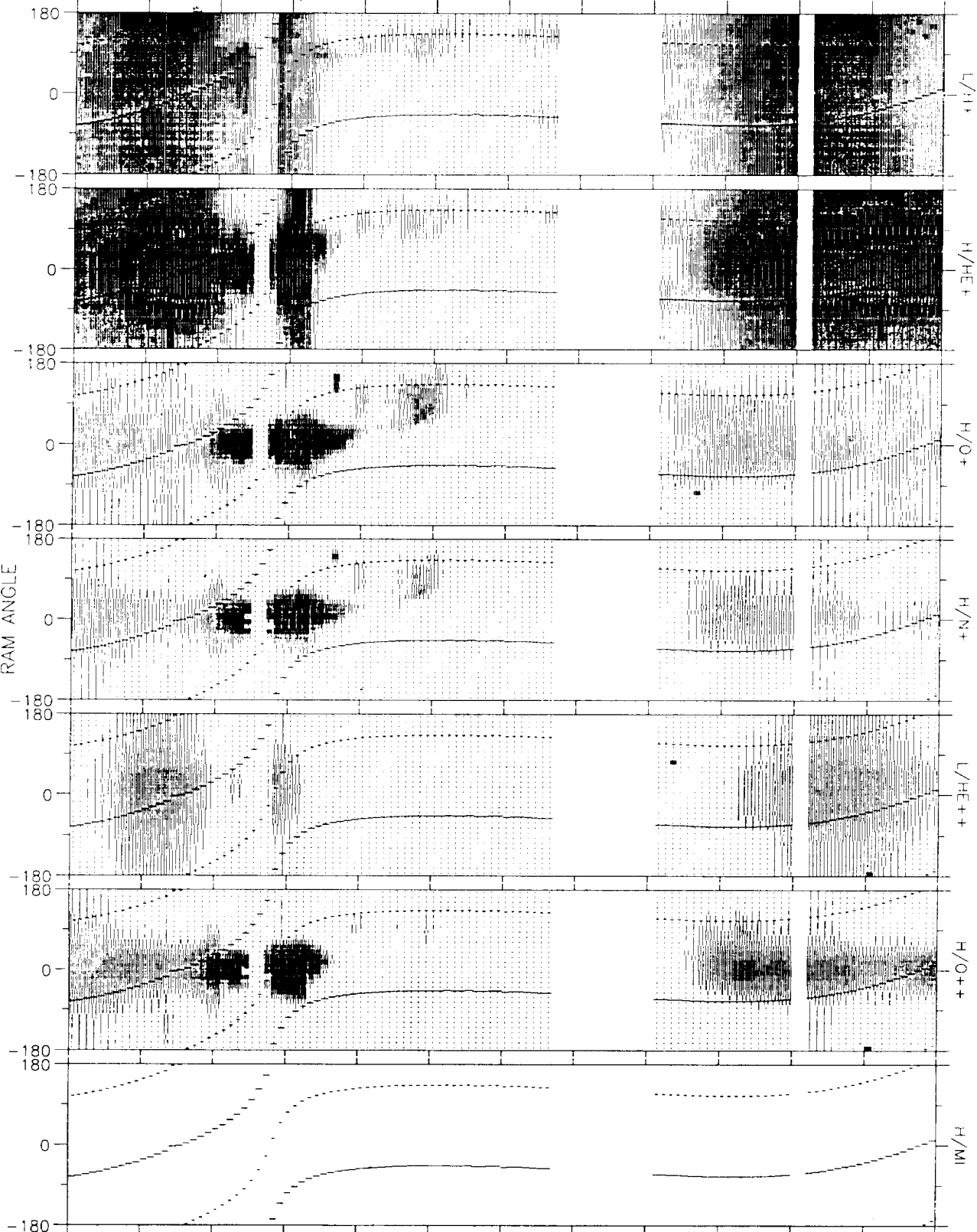


DE RMS SPIN SUMMARY
SPIN_KADIAL.ALL (V1.0)
Wed Nov 10 18:59:23 1993

82/311 07-NOV 0800:00 - 1600:00 HEAD= RL RPA= 0 to 1000 BIAS= A

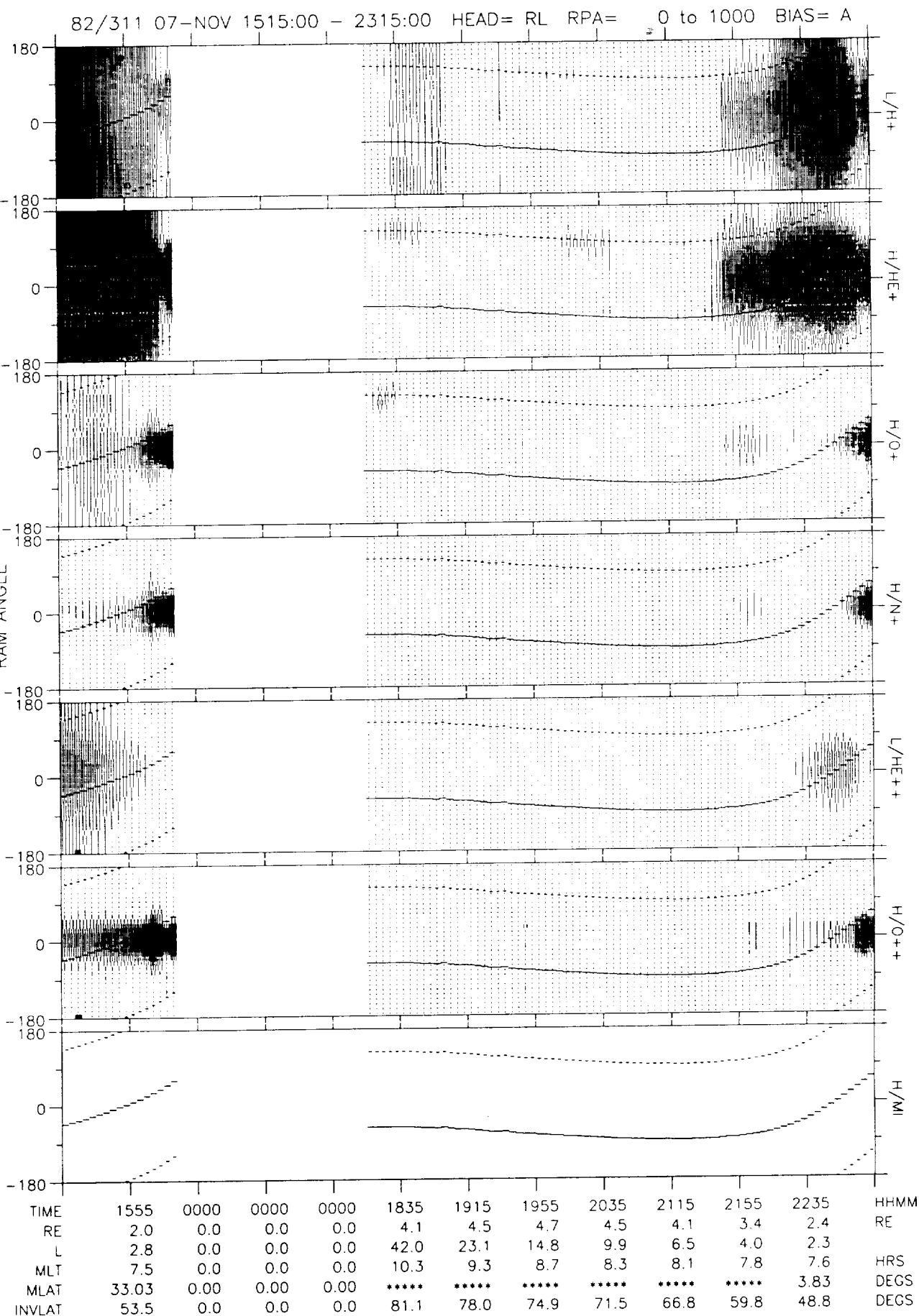
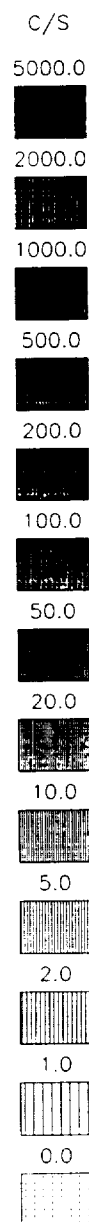


RAM ANGLE



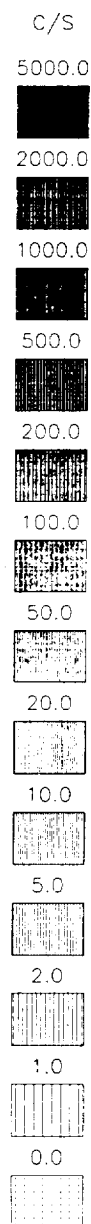
TIME	0840	0920	1000	1040	1120	1200	0000	0000	1400	0000	1520	HHMM
RE	2.8	1.5	1.6	2.9	3.8	4.3	0.0	0.0	4.4	0.0	3.1	RE
L	2.9	6.2	2.5	100.0	34.5	14.7	0.0	0.0	5.4	0.0	3.1	
MLT	8.2	9.3	20.4	0.9	7.6	8.0	0.0	0.0	8.2	0.0	7.9	HRS
MLAT	9.39	64.41	*****	*****	*****	*****	0.00	0.00	*****	0.00	3.33	DEGS
INVLAT	53.9	66.3	50.4	87.4	80.2	74.9	0.0	0.0	64.6	0.0	55.2	DEGS

DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Wed Nov 10 19:03:06 1993

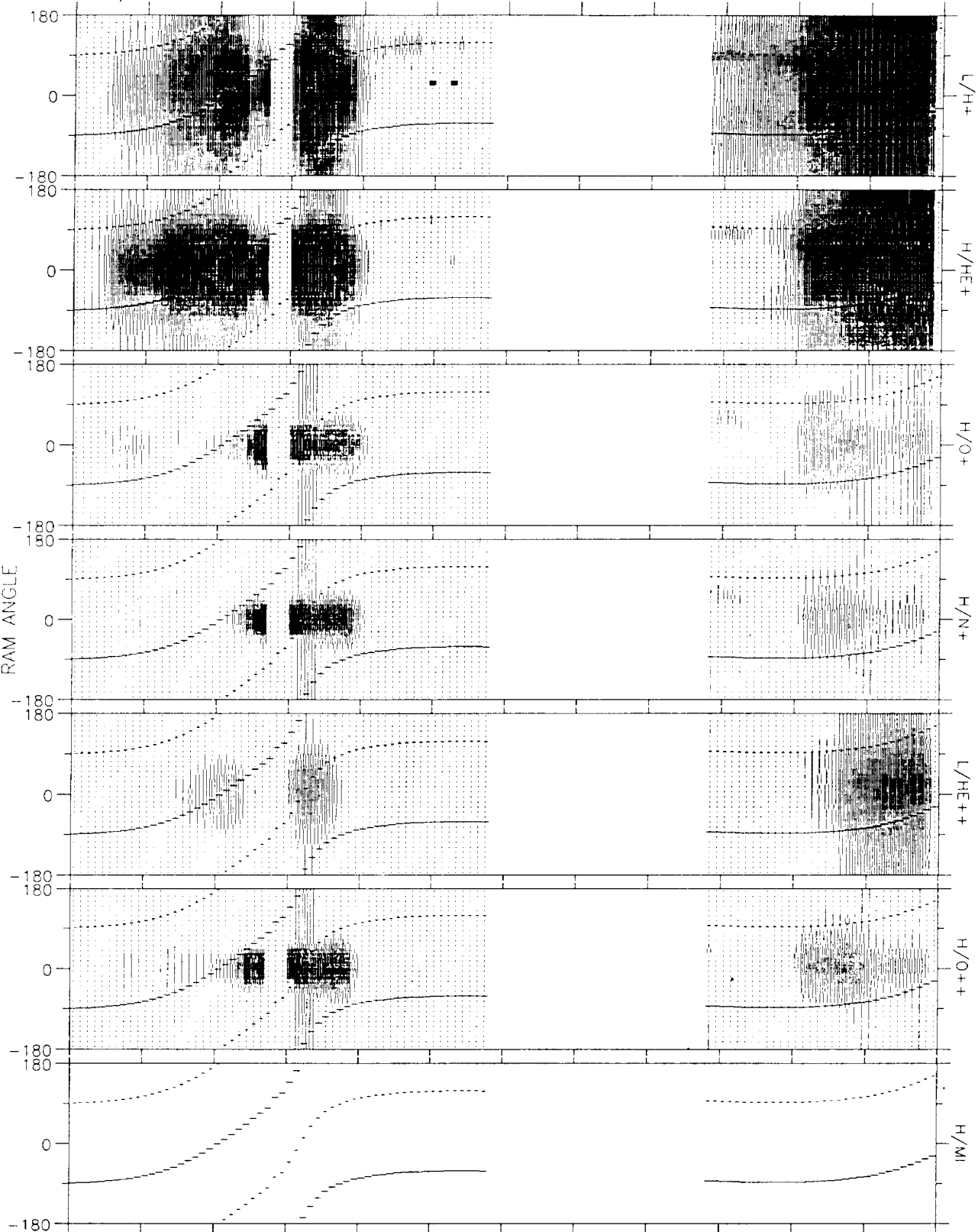


DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Wed Nov 10 19:05:48 1993

82/311 07-NOV 2130:00 - 0530:00 HEAD= RL RPA= 0 to 1000 BIAS= A



RAM ANGLE



TIME	2210	2250	2330	0010	0050	0000	0000	0000	0330	0410	0450	HHMM
RE	3.1	1.9	1.2	2.5	3.5	0.0	0.0	0.0	4.5	4.1	3.3	RE
L	3.2	2.2	1.4	7.8	100.0	0.0	0.0	0.0	9.6	5.8	3.6	
MLT	7.7	7.5	19.7	19.7	20.6	0.0	0.0	0.0	7.2	7.5	7.8	HRS
MLAT	*****	22.70	17.91	*****	*****	0.00	0.00	0.00	*****	*****	*****	DEGS
INVLAT	56.1	47.3	32.9	68.9	84.7	0.0	0.0	0.0	71.1	65.6	58.3	DEGS

DE RMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Wed Nov 10 21:02:44 1993

82/312 08-NOV 0430:00 - 1230:00 HEAD= RL RPA= 0 to 1000 BIAS= A

C/S

5000.0

2000.0

1000.0

500.0

200.0

100.0

50.0

20.0

10.0

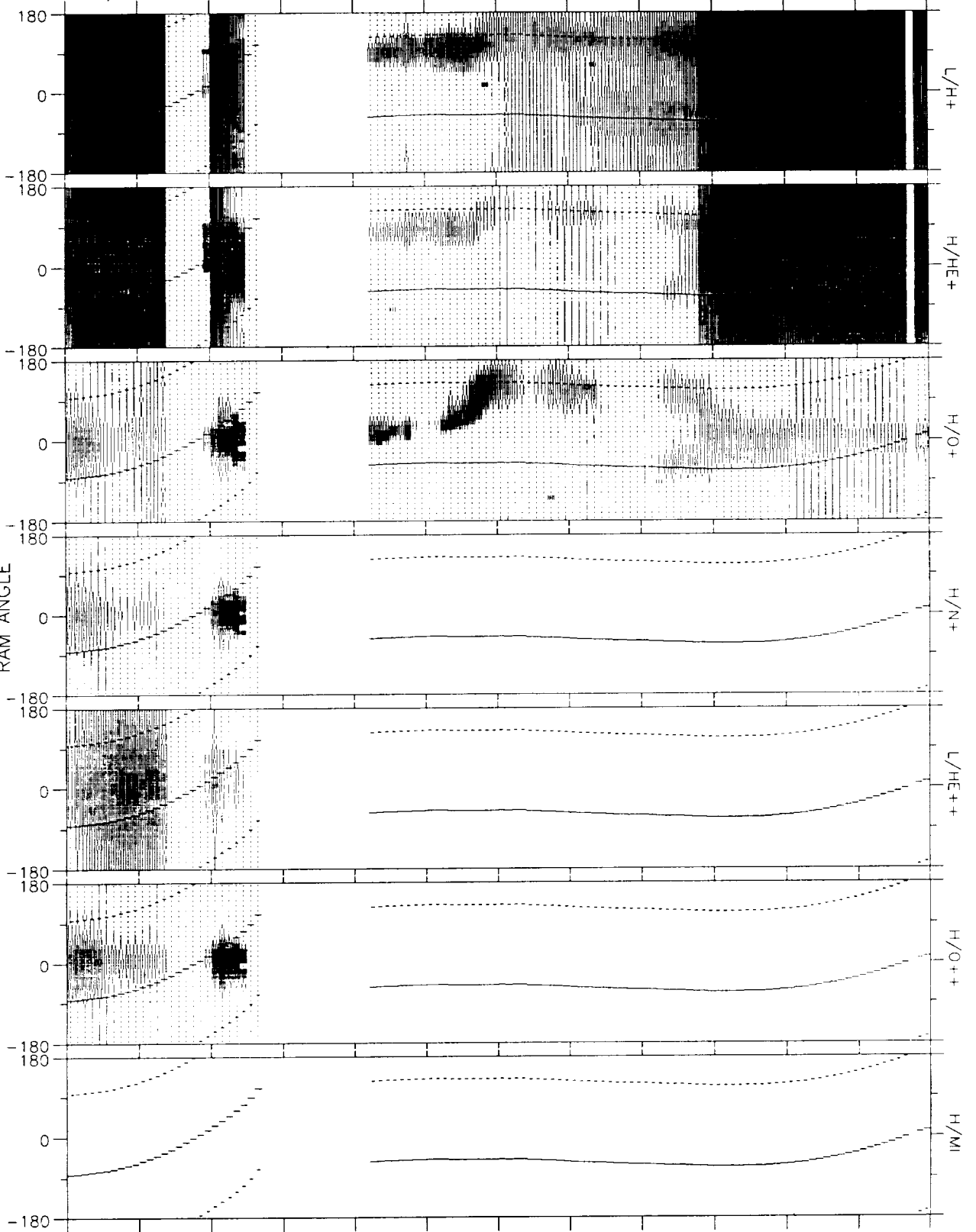
5.0

2.0

1.0

0.0

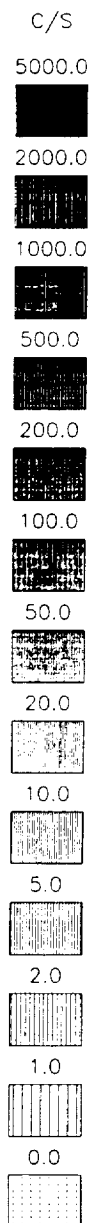
RAM ANGLE



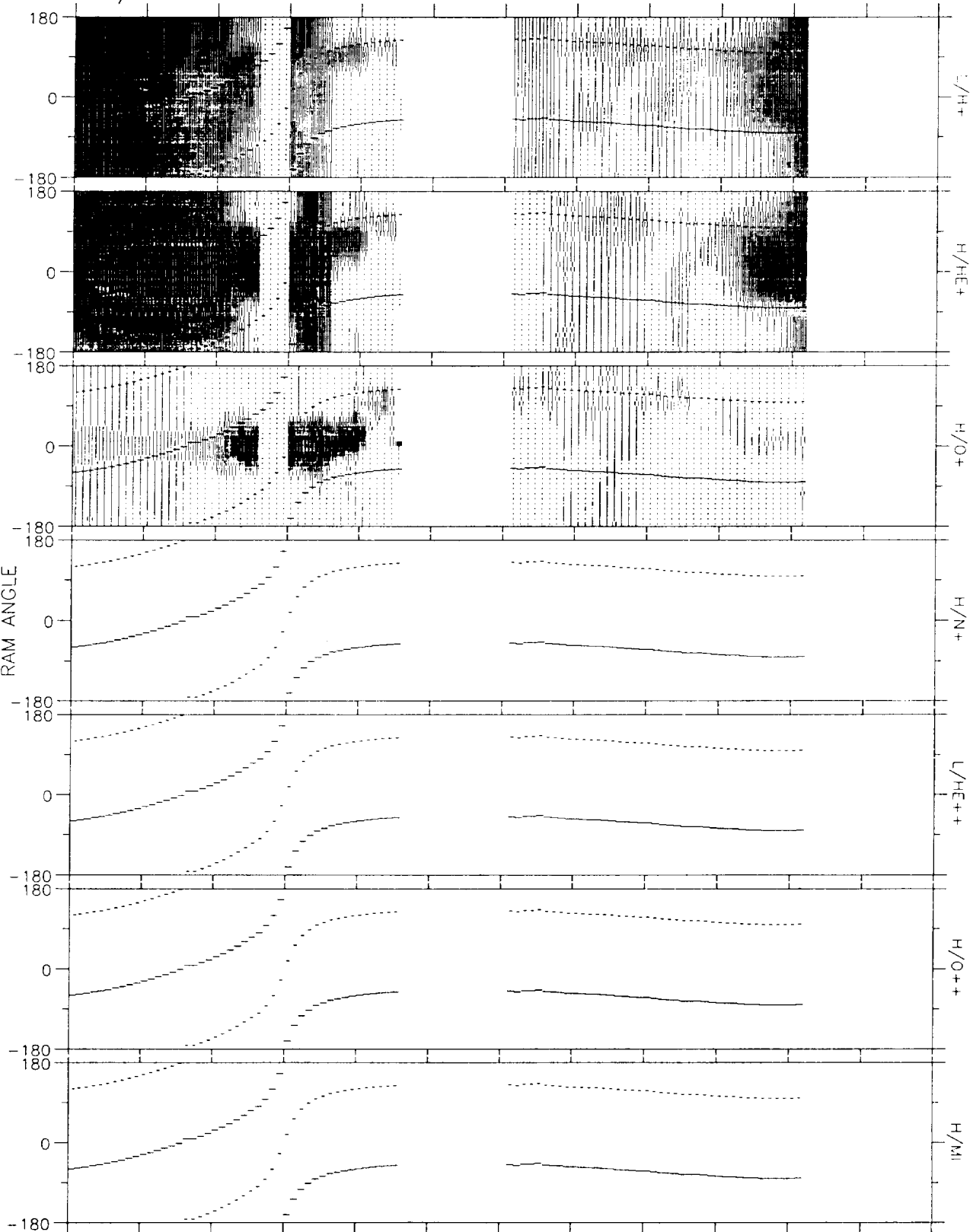
TIME	0510	0550	0000	0000	0750	0830	0910	0950	1030	1110	1150	HHMM
RE	2.8	1.5	0.0	0.0	3.7	4.3	4.6	4.6	4.4	3.9	3.1	RE
L	2.9	3.4	0.0	0.0	49.2	19.0	11.1	7.7	5.6	4.2	3.2	
MLT	7.9	8.9	0.0	0.0	5.2	6.9	7.4	7.7	7.9	8.0	8.0	HRS
MLAT	-2.02	49.62	0.00	0.00	*****	*****	*****	*****	*****	*****	5.38	DEGS
INVLAT	53.8	57.4	0.0	0.0	81.8	76.7	72.6	68.8	65.1	60.8	56.0	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Nov 10 21:04:09 1993

82/312 08-NOV 1115:00 - 1915:00 HEAD= RL RPA= 0 to 1000 BIAS= A



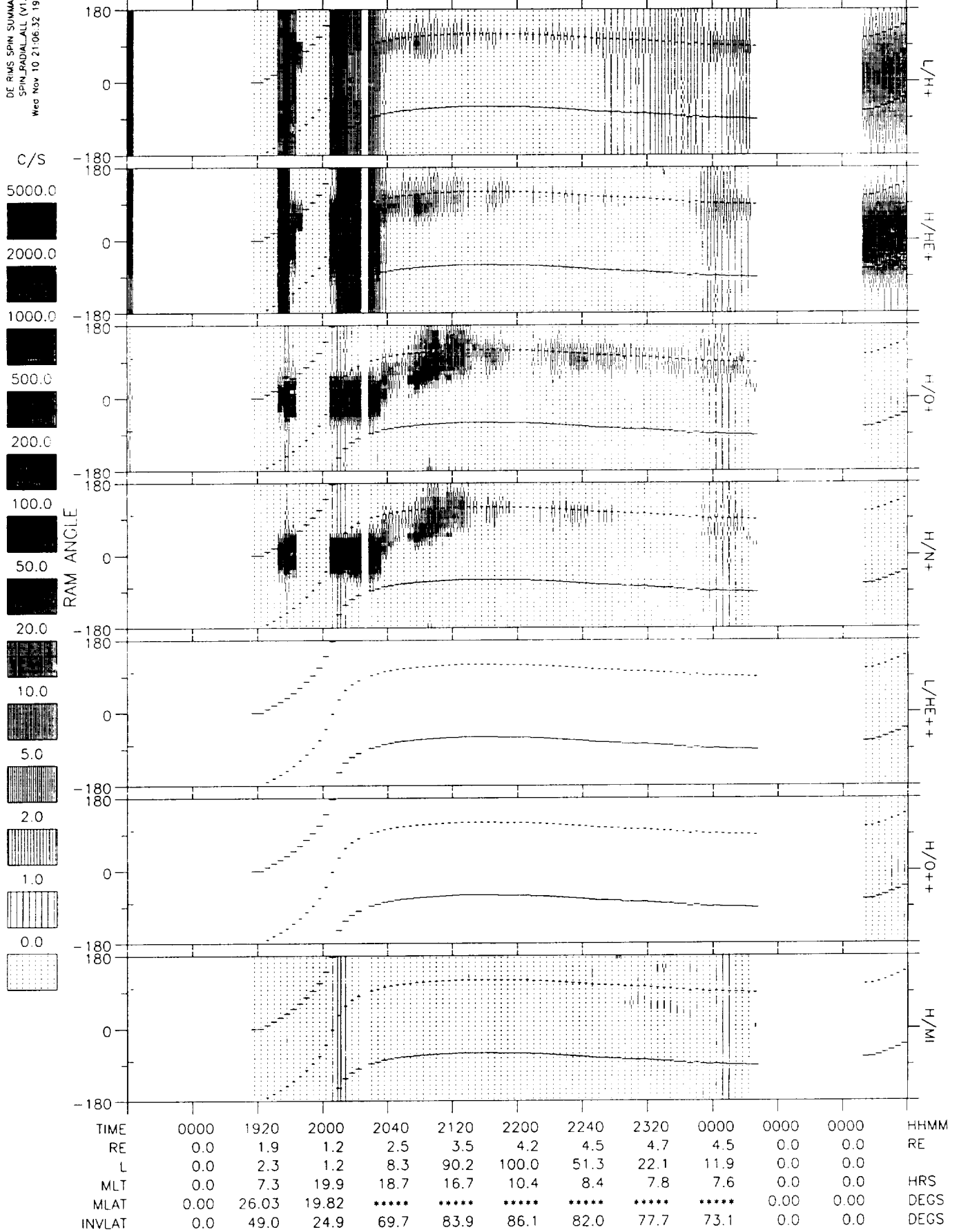
RAM ANGLE



TIME	1155	1235	1315	1355	0000	0000	1555	1635	1715	1755	0000	HHMM
RE	3.0	1.7	1.3	2.6	0.0	0.0	4.6	4.7	4.5	4.0	0.0	RE
L	3.1	4.4	1.4	79.2	0.0	0.0	12.5	9.1	6.8	4.9	0.0	
MLT	8.0	7.9	19.9	18.0	0.0	0.0	8.7	8.6	8.3	8.1	0.0	HRS
MLAT	8.46	51.13	*****	*****	0.00	0.00	*****	*****	*****	*****	0.00	DEGS
INVLAT	55.5	61.7	30.7	83.5	0.0	0.0	73.6	70.7	67.5	63.3	0.0	DEGS

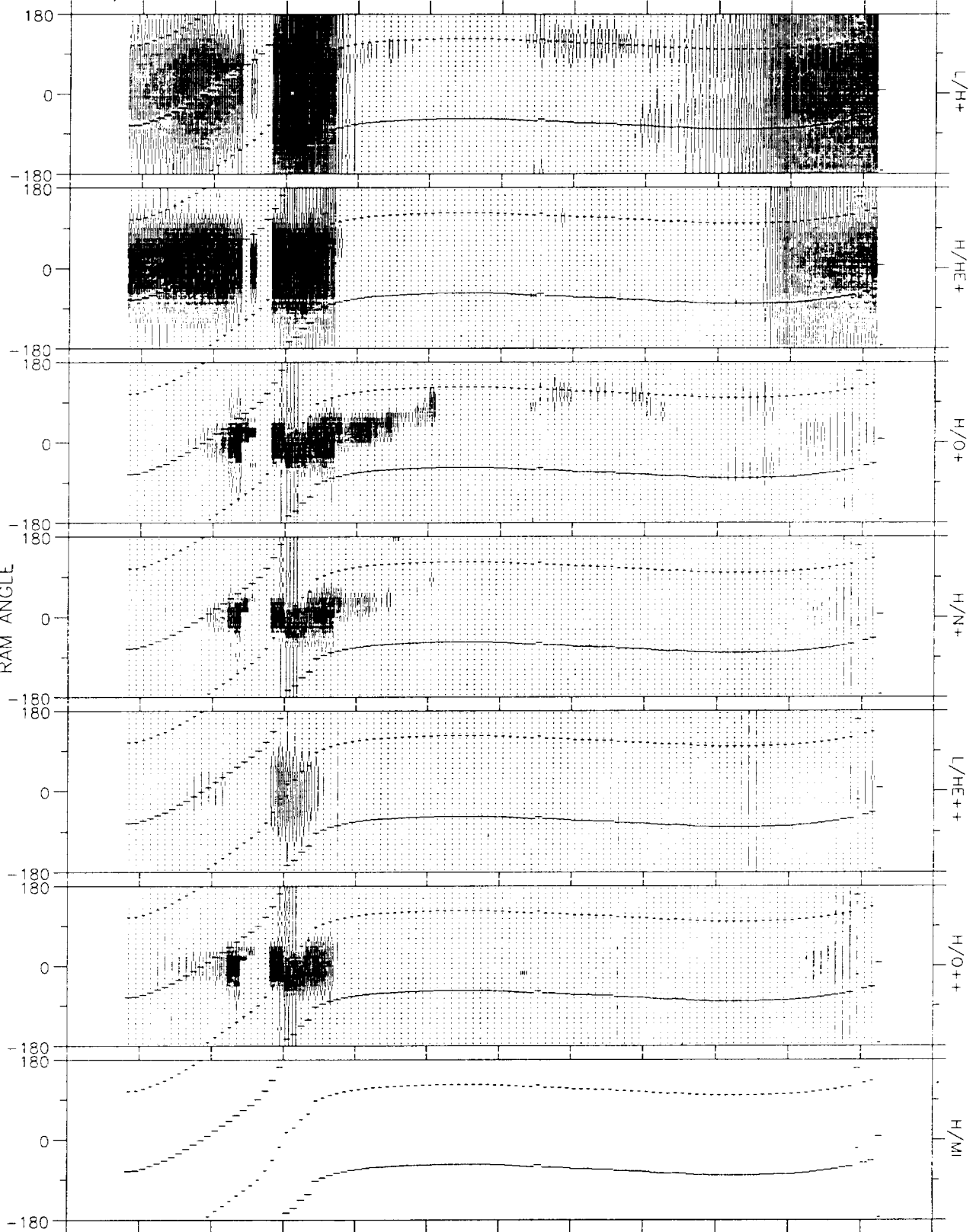
DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Wed Nov 10 21:06:32 1993

82/312 08-NOV 1800:00 - 0200:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Wed Nov 10 21:08:43 1993

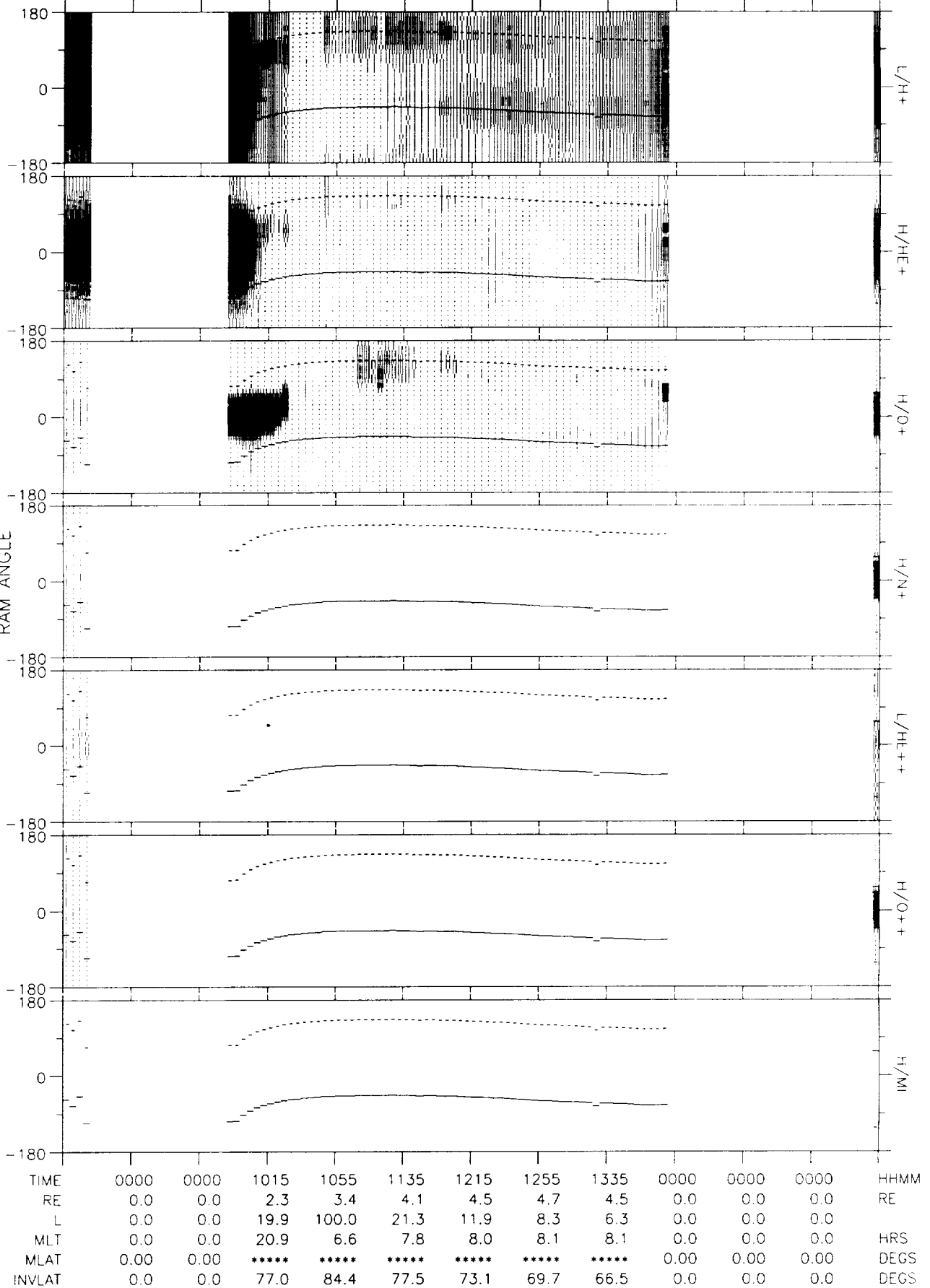
82/313 09-NOV 0100:00 - 0900:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0140	0220	0300	0340	0420	0500	0540	0620	0700	0740	0820	HHMM
RE	2.9	1.6	1.4	2.7	3.7	4.3	4.6	4.6	4.4	4.0	3.2	RE
L	2.9	2.7	1.5	14.5	97.5	38.8	17.5	10.3	6.8	4.7	3.2	
MLT	7.6	8.0	19.8	21.2	1.8	5.6	6.6	7.1	7.4	7.7	8.0	HRS
MLAT	*****	37.26	-8.39	*****	*****	*****	*****	*****	*****	*****	-1.13	DEGS
INVLAT	54.2	52.4	34.7	74.8	84.2	80.8	76.2	71.9	67.5	62.5	56.3	DEGS

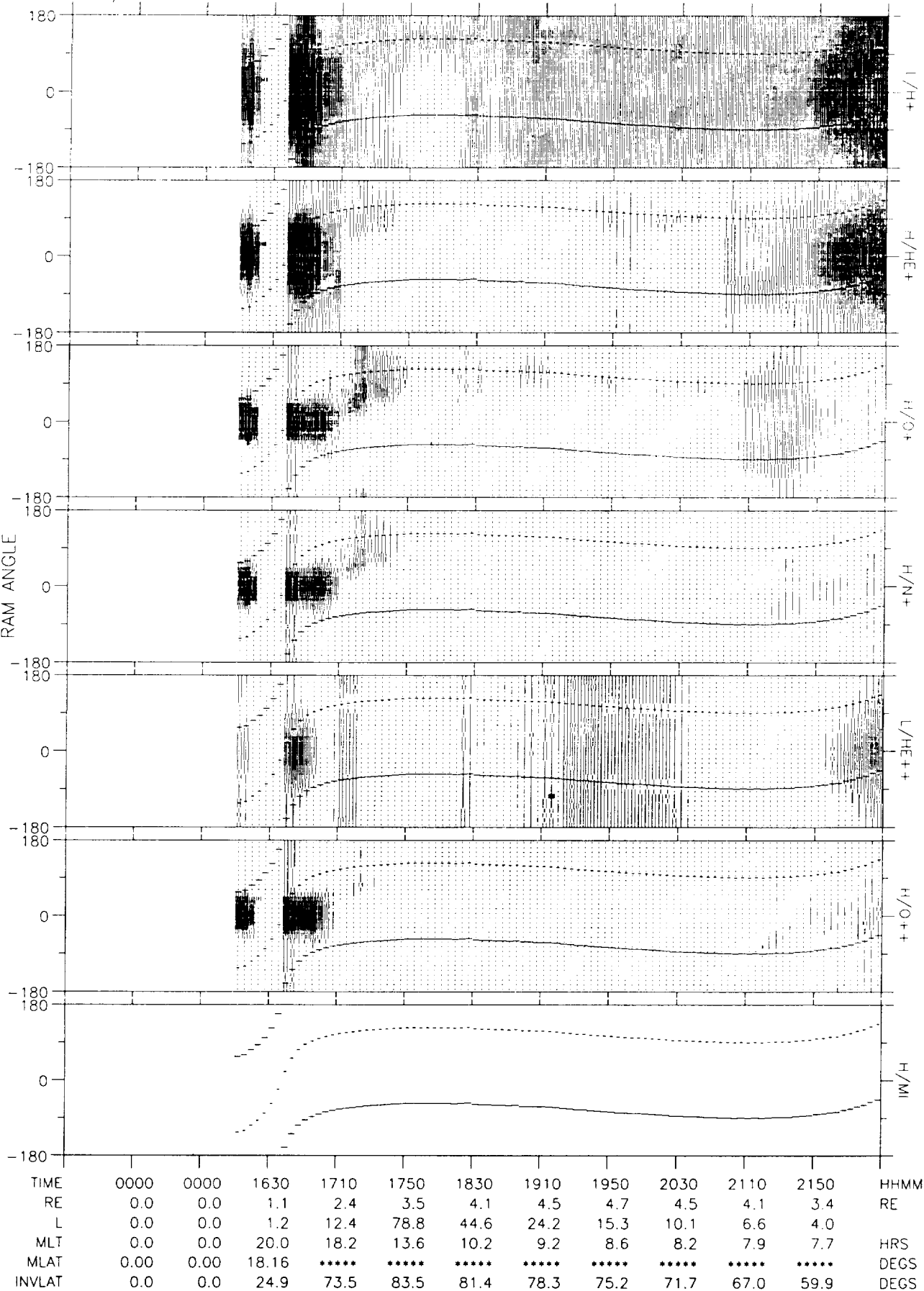
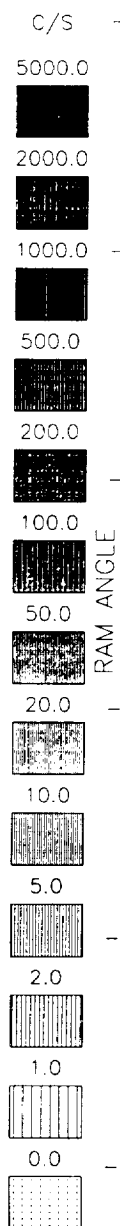
DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Wed Nov 10 21:11:29 1993

82/313 09-NOV 0815:00 - 1615:00 HEAD= RL RPA= 0 to 1000 BIAS= A



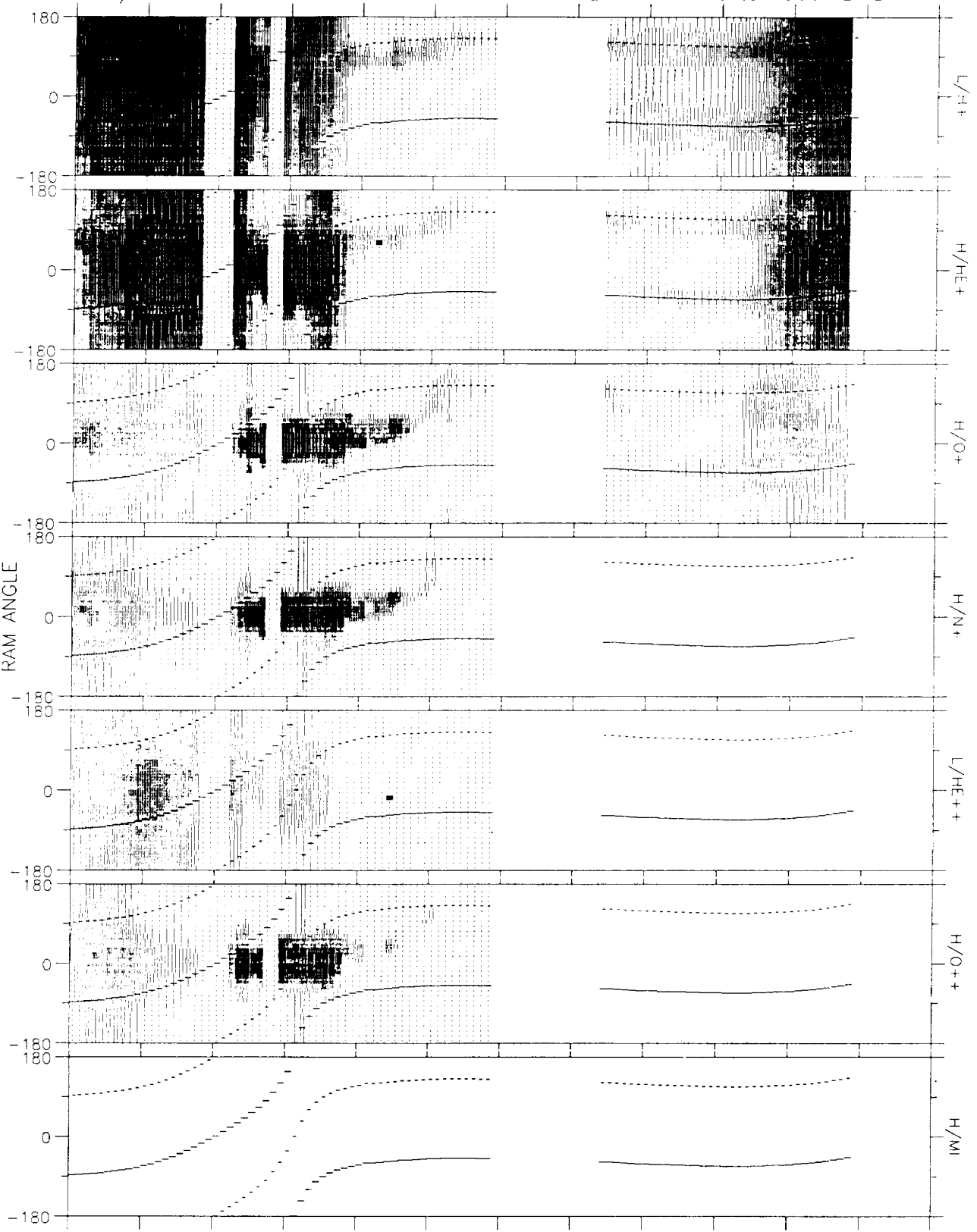
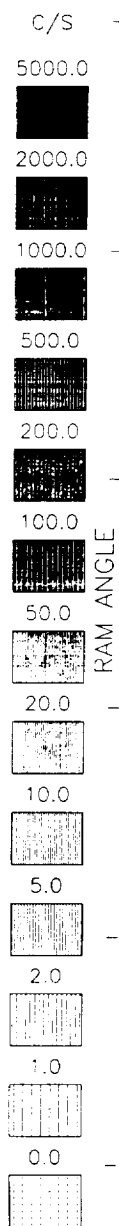
DE RMS SPIN SUMMARY
SPIN_RADIAL (V1.0)
Wed Nov 10 21:13:15 1993

82/313 09-NOV 1430:00 - 2230:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Wed Nov 10 21:19:25 1993

82/314 10-NOV 0415:00 - 1215:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0455	0535	0615	0655	0735	0000	0000	0935	1015	1055	0000	HHMM
RE	3.1	1.9	1.2	2.5	3.5	0.0	0.0	4.7	4.5	4.1	0.0	RE
L	3.2	2.4	1.2	16.6	70.4	0.0	0.0	8.5	6.1	4.5	0.0	
MLT	7.7	8.3	19.8	21.7	3.9	0.0	0.0	7.5	7.7	7.8	0.0	HRS
MLAT	-9.17	30.22	7.64	*****	*****	0.00	0.00	*****	*****	*****	0.00	DEGS
INVLAT	56.1	49.7	24.8	75.8	83.2	0.0	0.0	69.9	66.2	62.0	0.0	DEGS

DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Wed Nov 10 21:22:41 1993

82/314 10-NOV 1100:00 - 1900:00 HEAD= RL RPA= 0 to 1000 BIAS= A

C/S

5000.0

2000.0

1000.0

500.0

200.0

100.0

50.0

20.0

10.0

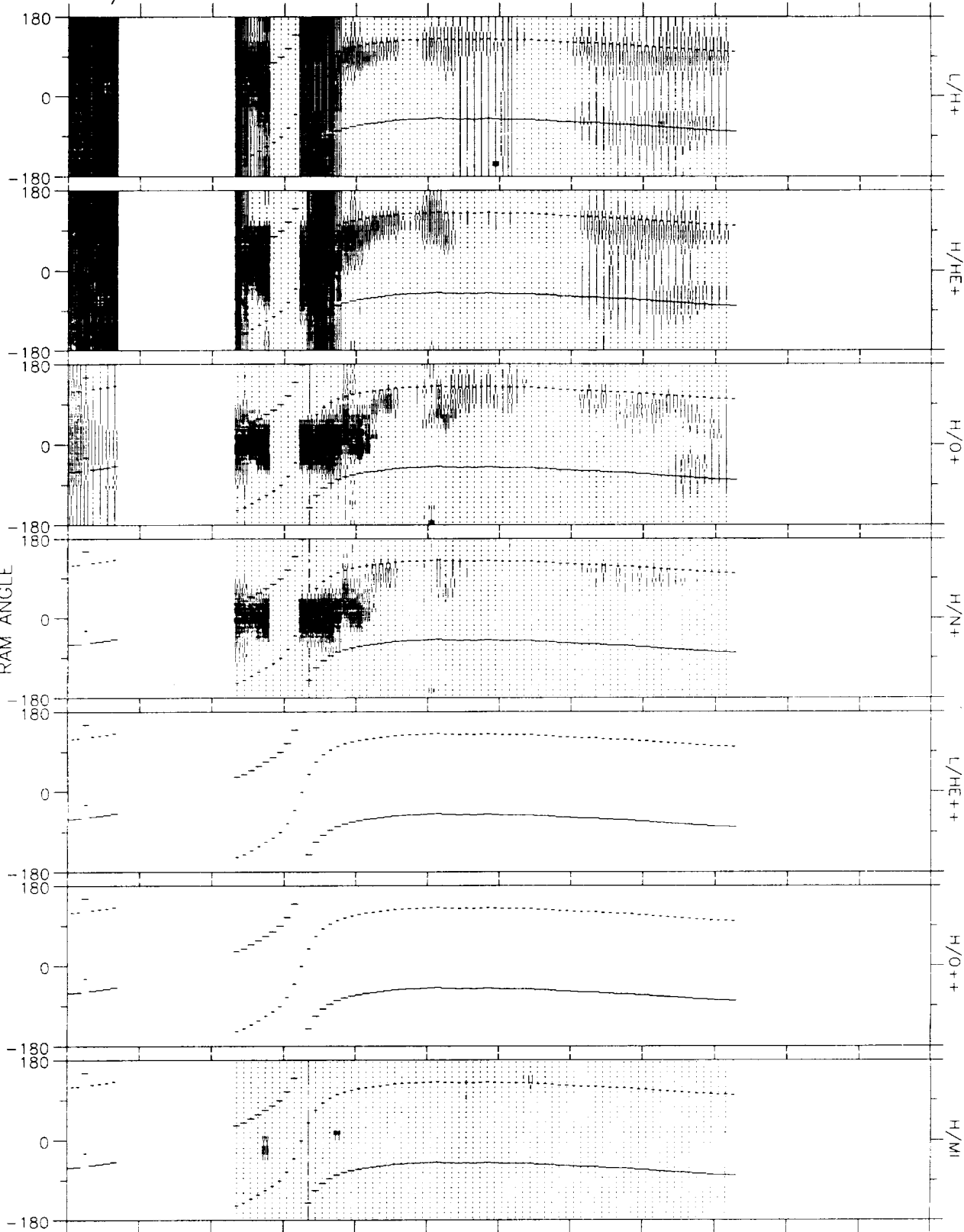
5.0

2.0

1.0

0.0

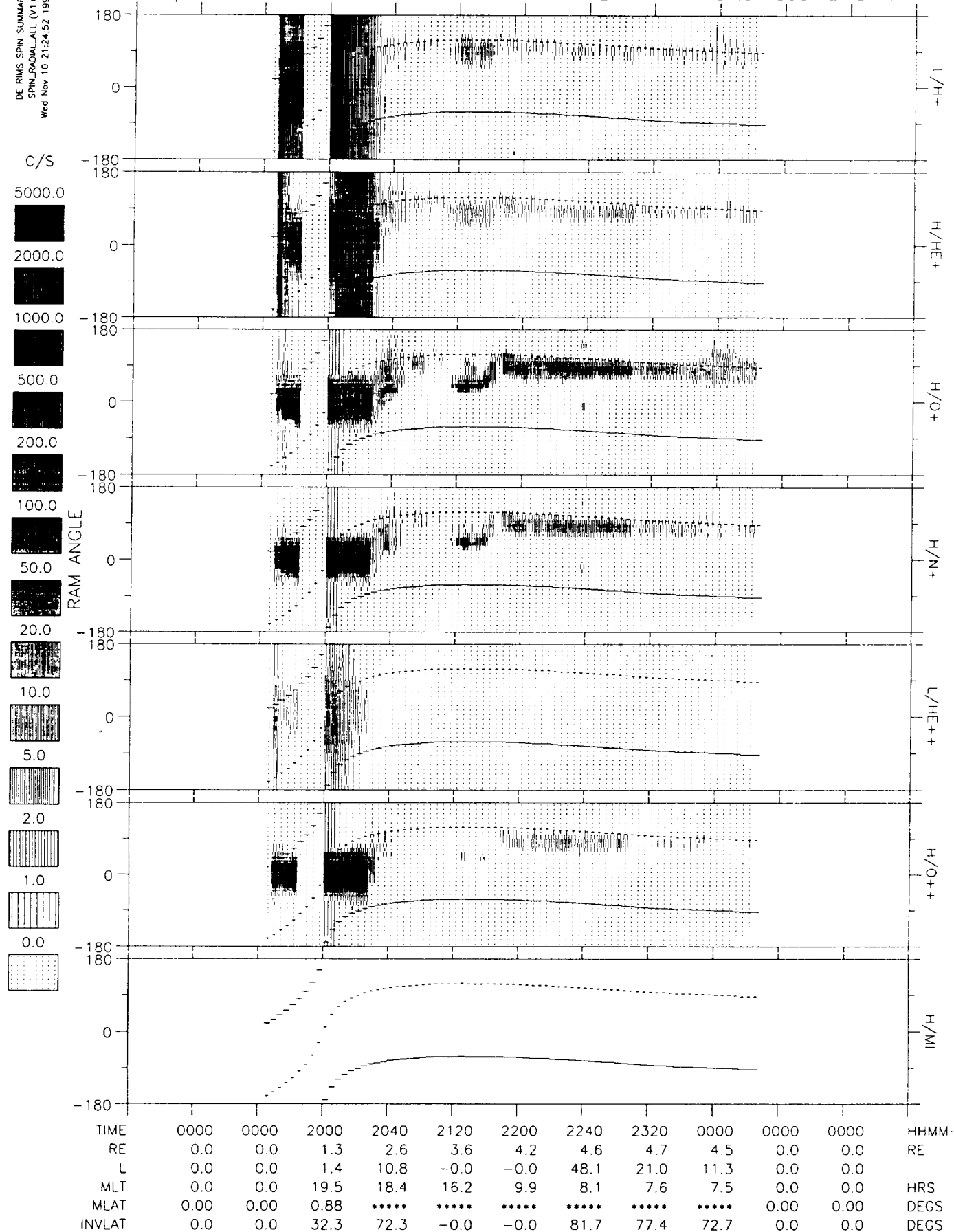
RAM ANGLE



TIME	0000	0000	1300	1340	1420	1500	1540	1620	1700	0000	0000	HHMM
RE	0.0	0.0	1.1	2.3	3.4	4.1	4.5	4.7	4.5	0.0	0.0	RE
L	0.0	0.0	1.3	23.0	92.3	24.4	14.2	10.1	7.5	0.0	0.0	
MLT	0.0	0.0	19.9	18.9	10.4	9.0	8.7	8.5	8.3	0.0	0.0	HRS
MLAT	0.00	0.00	21.01	*****	*****	*****	*****	*****	*****	0.00	0.00	DEGS
INVLAT	0.0	0.0	27.7	77.9	84.0	78.3	74.6	71.6	68.5	0.0	0.0	DEGS

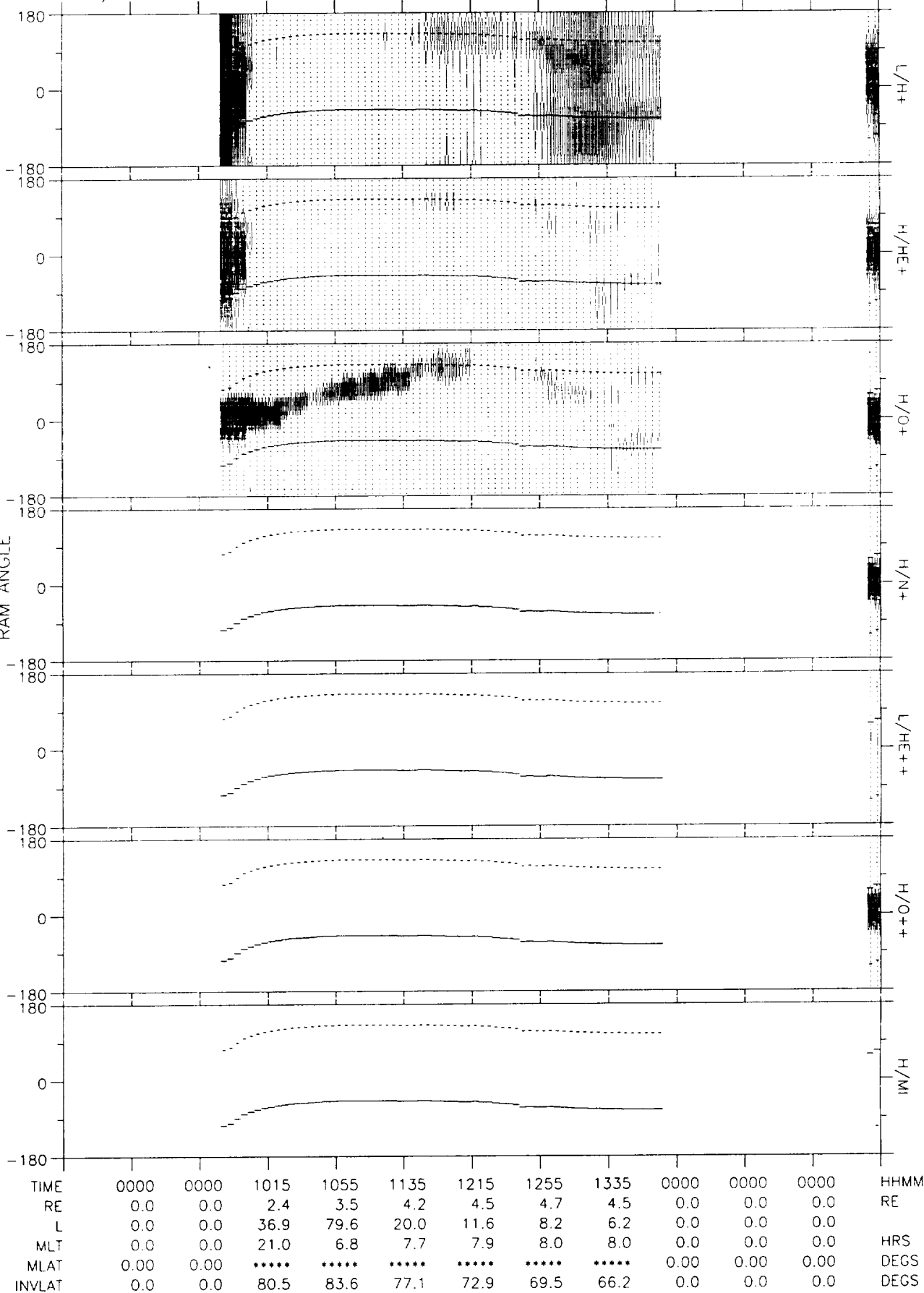
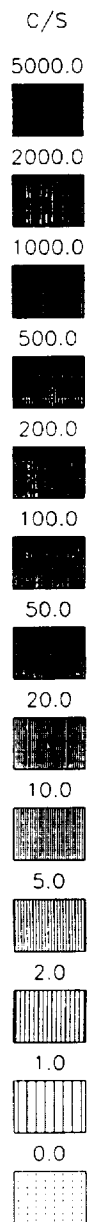
DE RIMS SPIN SUMMARY
SPINRADIAL ALL (V1.0)
Wed Nov 10 21:24:52 1993

82/314 10-NOV 1800:00 - 0200:00 HEAD= RL RPA= 0 to 1000 BIAS= A



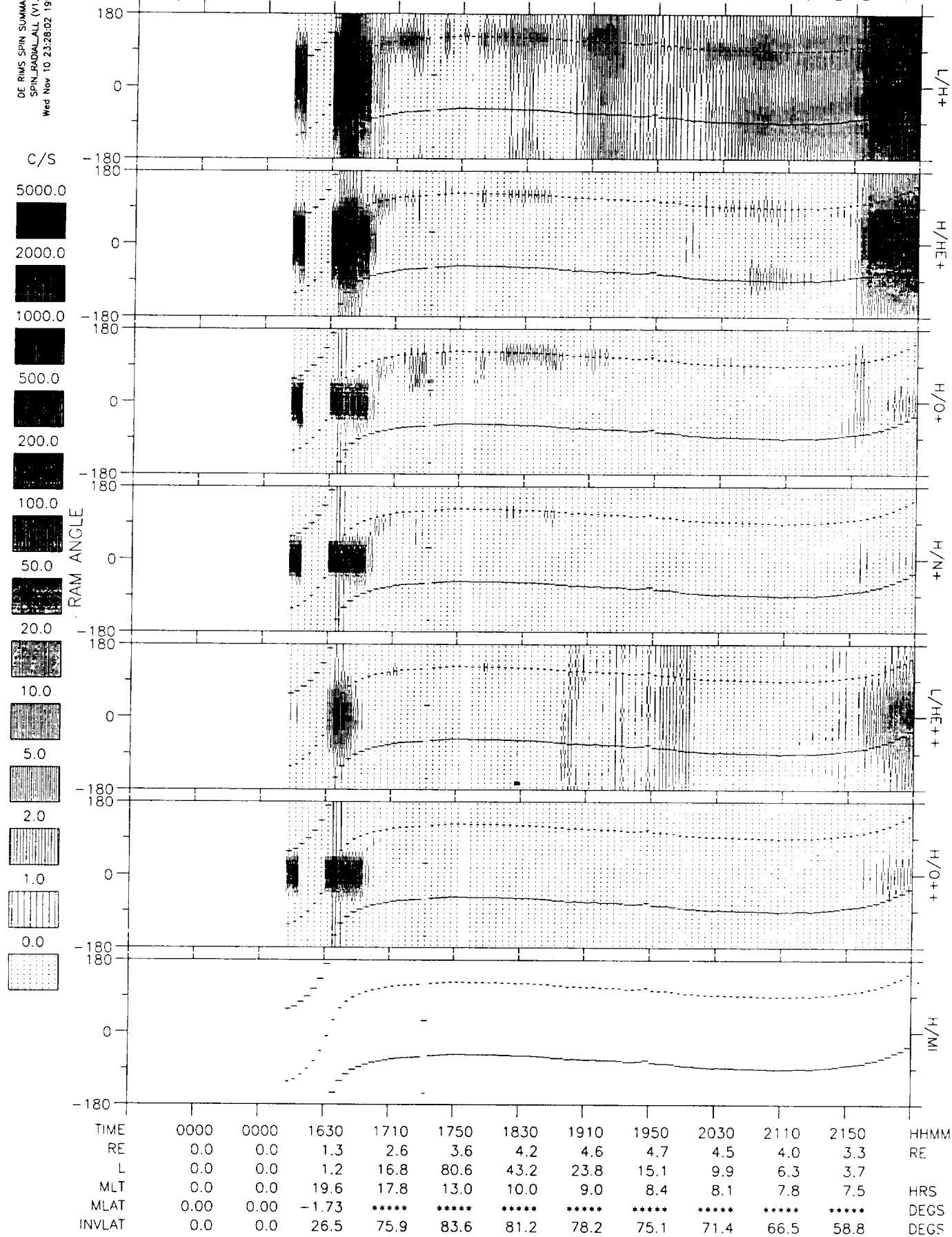
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Nov 10 21:27:07 1993

82/315 11-NOV 0815:00 - 1615:00 HEAD= RL RPA= 0 to 1000 BIAS= A



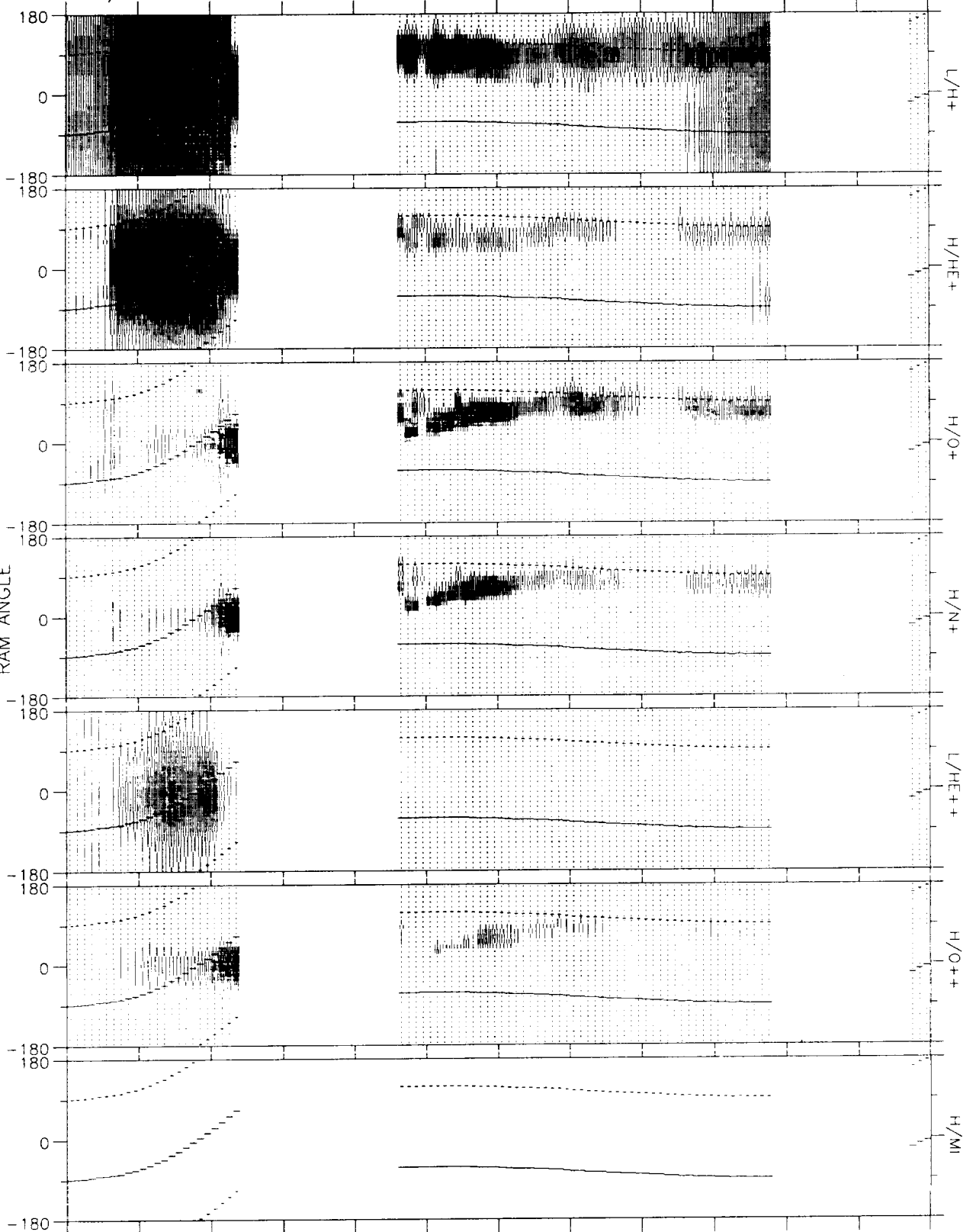
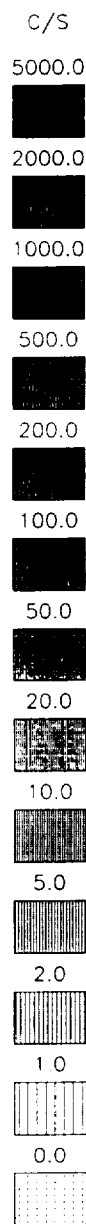
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Wed Nov 10 23:28:02 1993

82/315 11-NOV 1430:00 - 2230:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN/RADIAL ALL (V1.0)
Wed Nov 10 23:30:39 1993

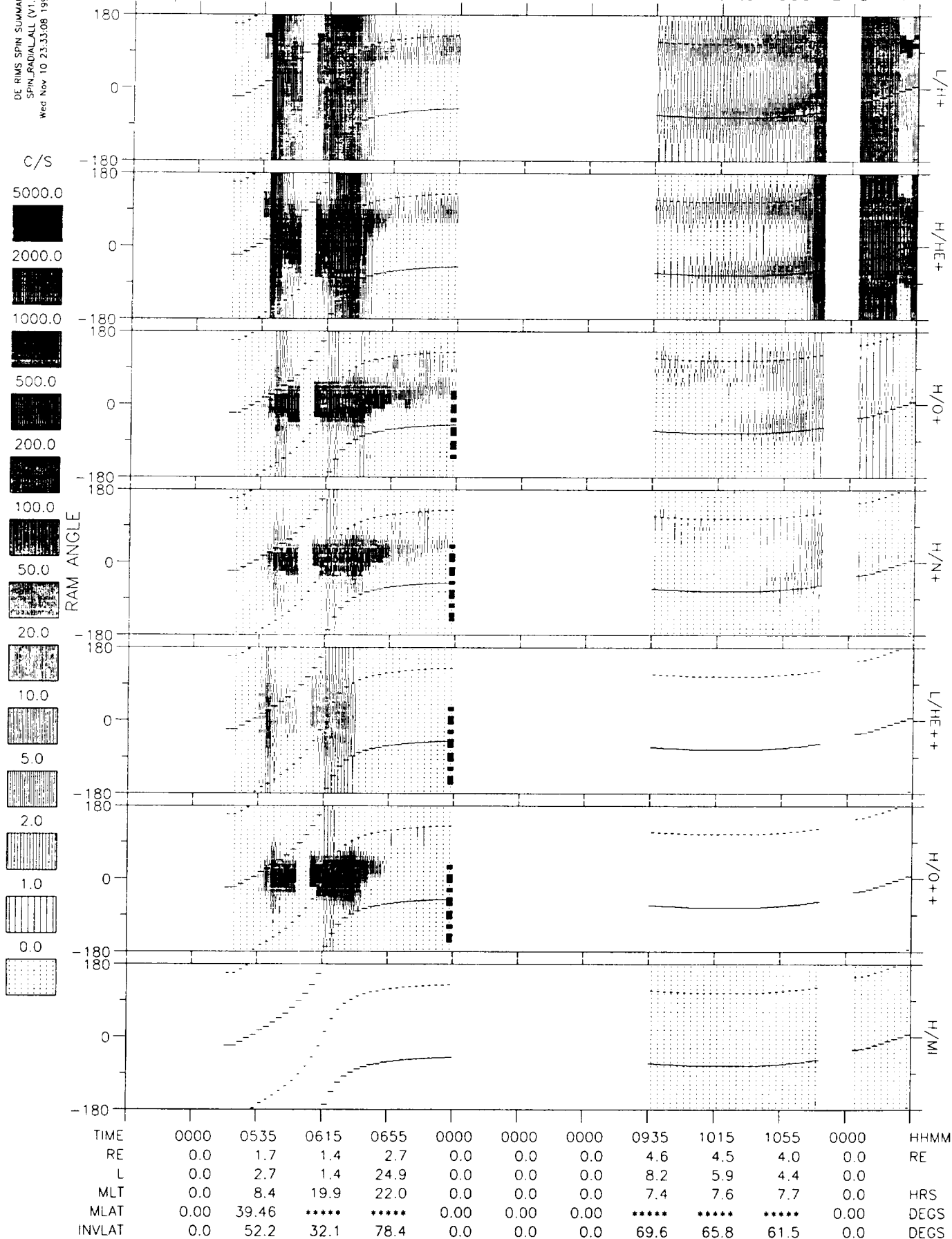
82/315 11-NOV 2130:00 - 0530:00 HEAD= RL RPA= 0 to 1000 BIAS= A

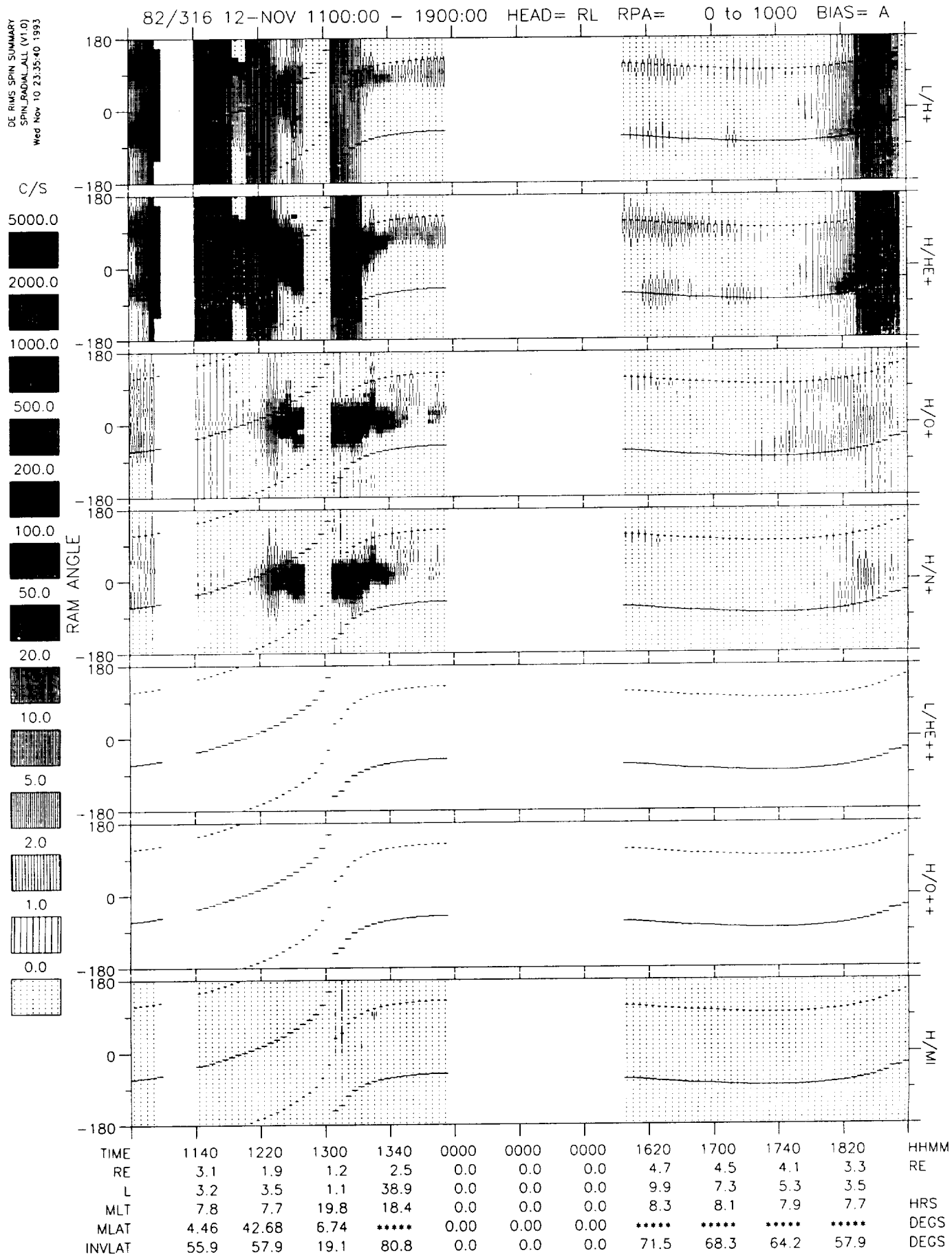


TIME	2210	2250	0000	0000	0050	0130	0210	0250	0330	0000	0000	HHMM
RE	2.8	1.5	0.0	0.0	3.8	4.3	4.6	4.6	4.4	0.0	0.0	RE
L	2.8	3.1	0.0	0.0	100.0	100.0	33.3	15.3	8.6	0.0	0.0	
MLT	7.4	7.2	0.0	0.0	21.2	5.5	6.3	6.7	6.9	0.0	0.0	HRS
MLAT	-9.44	43.32	0.00	0.00	*****	*****	*****	*****	*****	0.00	0.00	DEGS
INVLAT	53.2	55.1	0.0	0.0	86.3	85.2	80.0	75.2	70.1	0.0	0.0	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Wed Nov 10 23:33:08 1993

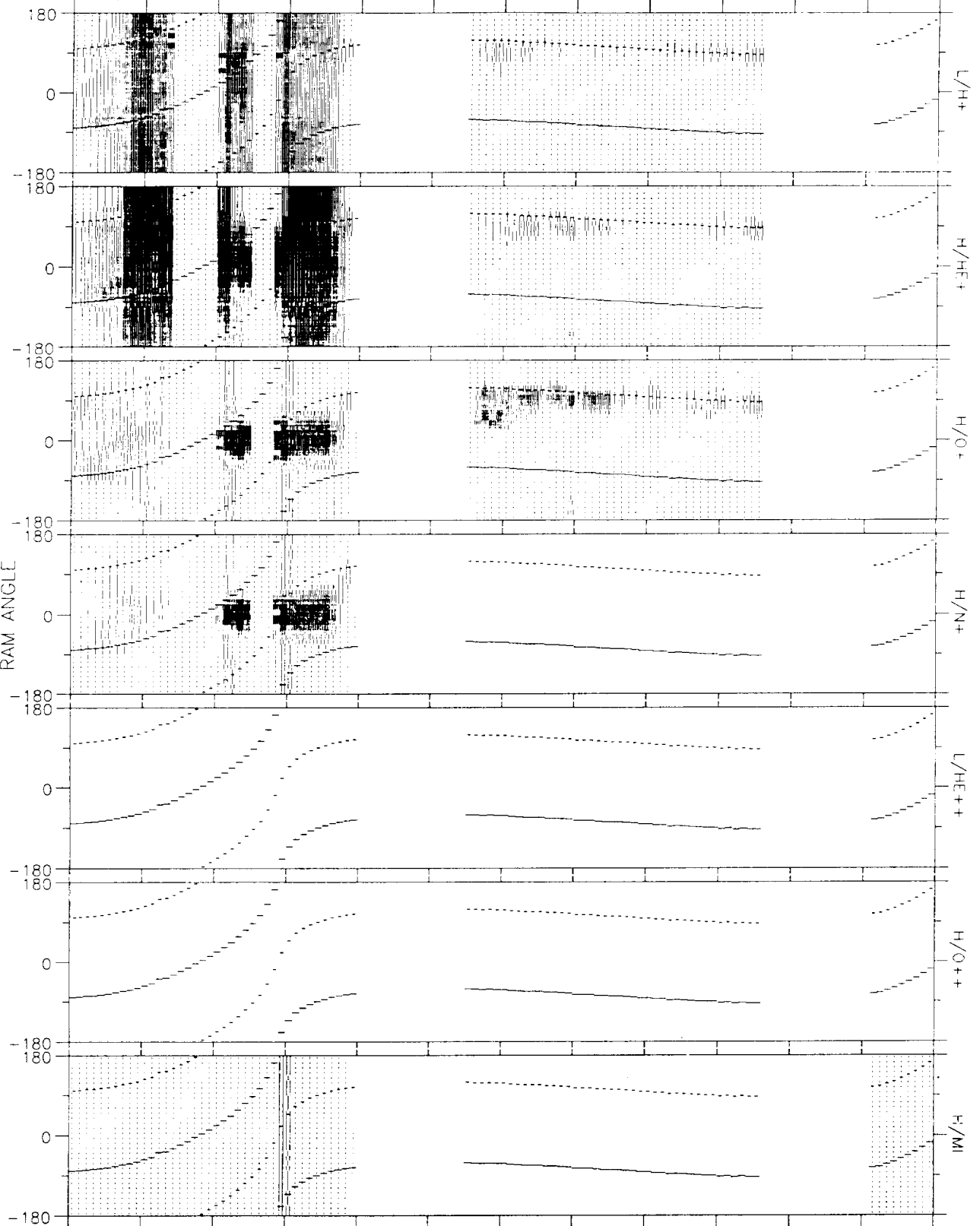
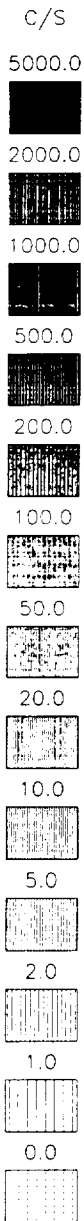
82/316 12-NOV 0415:00 - 1215:00 HEAD= RL RPA= 0 to 1000 BIAS= A





DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Wed Nov 10 23:38:14 1993

82/316 12-NOV 1800:00 - 0200:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1840	1920	2000	0000	0000	2200	2240	2320	0000	0000	0000	HHMM
RE	2.8	1.6	1.5	0.0	0.0	4.3	4.6	4.6	4.4	0.0	0.0	RE
L	2.8	3.0	1.8	0.0	0.0	100.0	45.4	20.1	10.8	0.0	0.0	
MLT	7.5	6.7	19.2	0.0	0.0	9.4	7.9	7.4	7.2	0.0	0.0	HRS
MLAT	-3.19	44.12	*****	0.00	0.00	*****	*****	*****	*****	0.00	0.00	DEGS
INVLAT	53.4	54.6	41.1	0.0	0.0	85.7	81.5	77.1	72.2	0.0	0.0	DEGS

DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Wed Nov 10 23:40:20 1993

82/317 13-NOV 0115:00 - 0915:00 HEAD= RL RPA= 0 to 1000 BIAS= A

C/S

5000.0

2000.0

1000.0

500.0

200.0

100.0

50.0

20.0

10.0

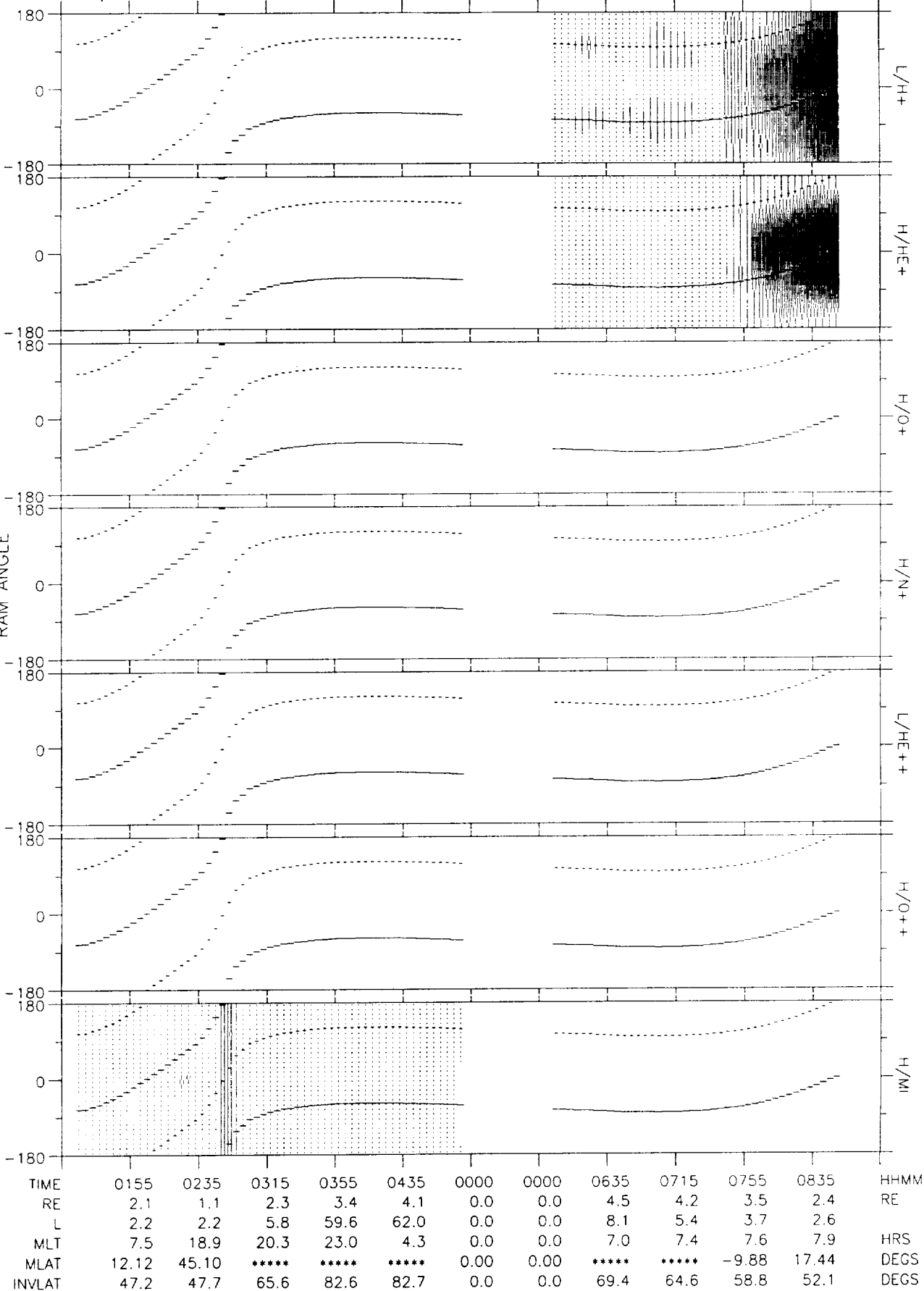
5.0

2.0

1.0

0.0

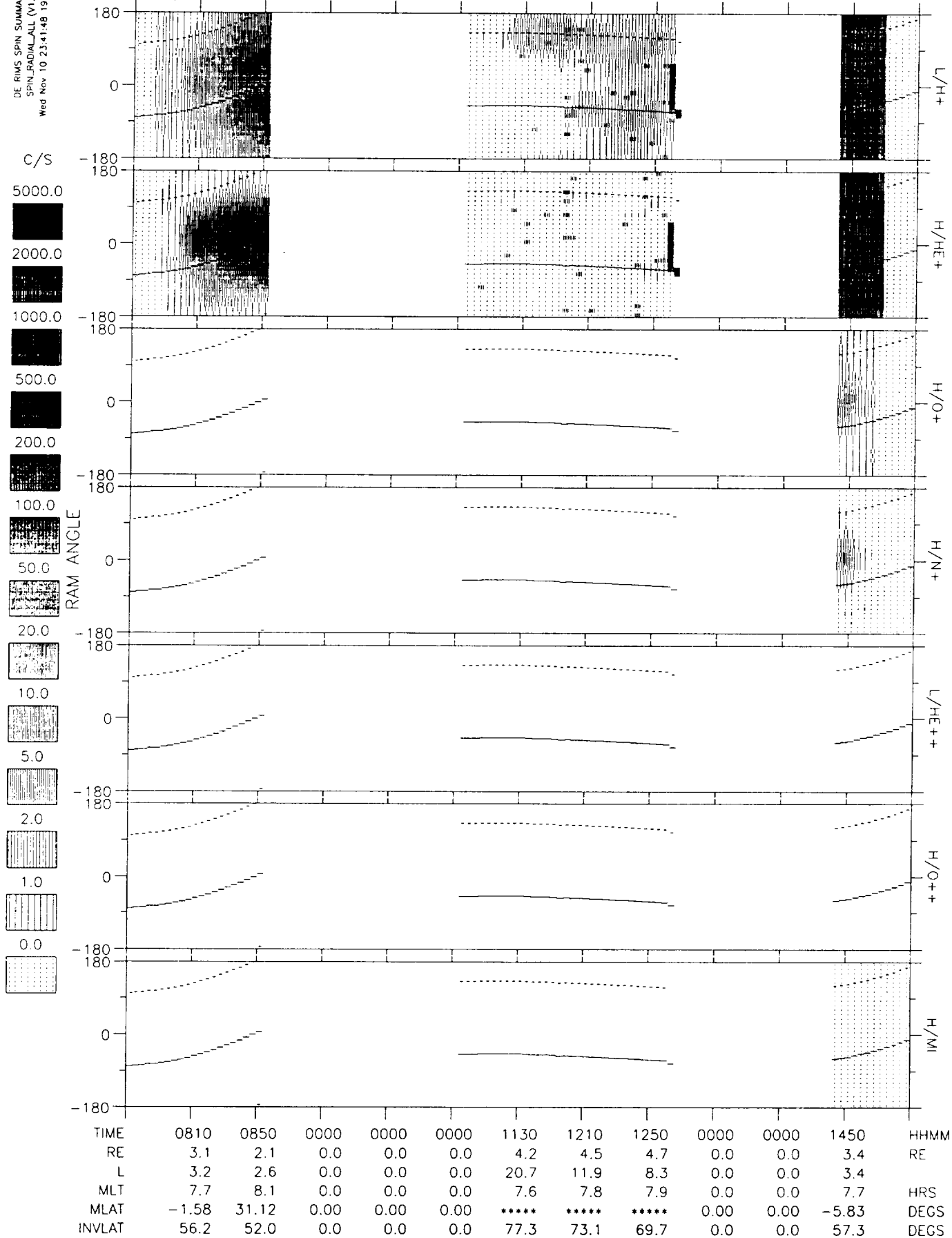
RAM ANGLE



C-4

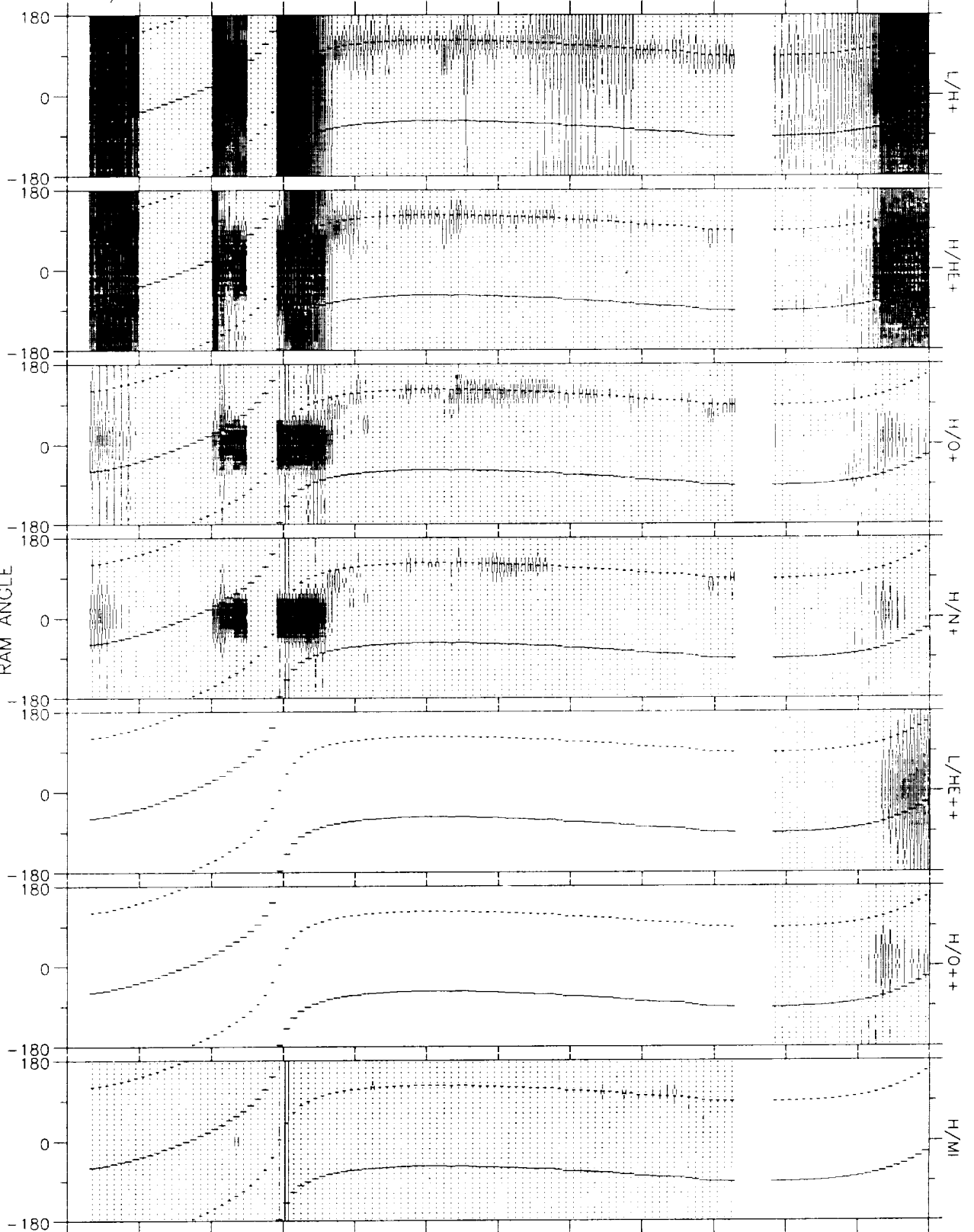
DE RIMS SPIN SUMMARY
SPIN-RADIAL (V1.0)
Wed Nov 10 23:41:48 1993

82/317 13-NOV 0730:00 - 1530:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Nov 10 23:43:33 1993

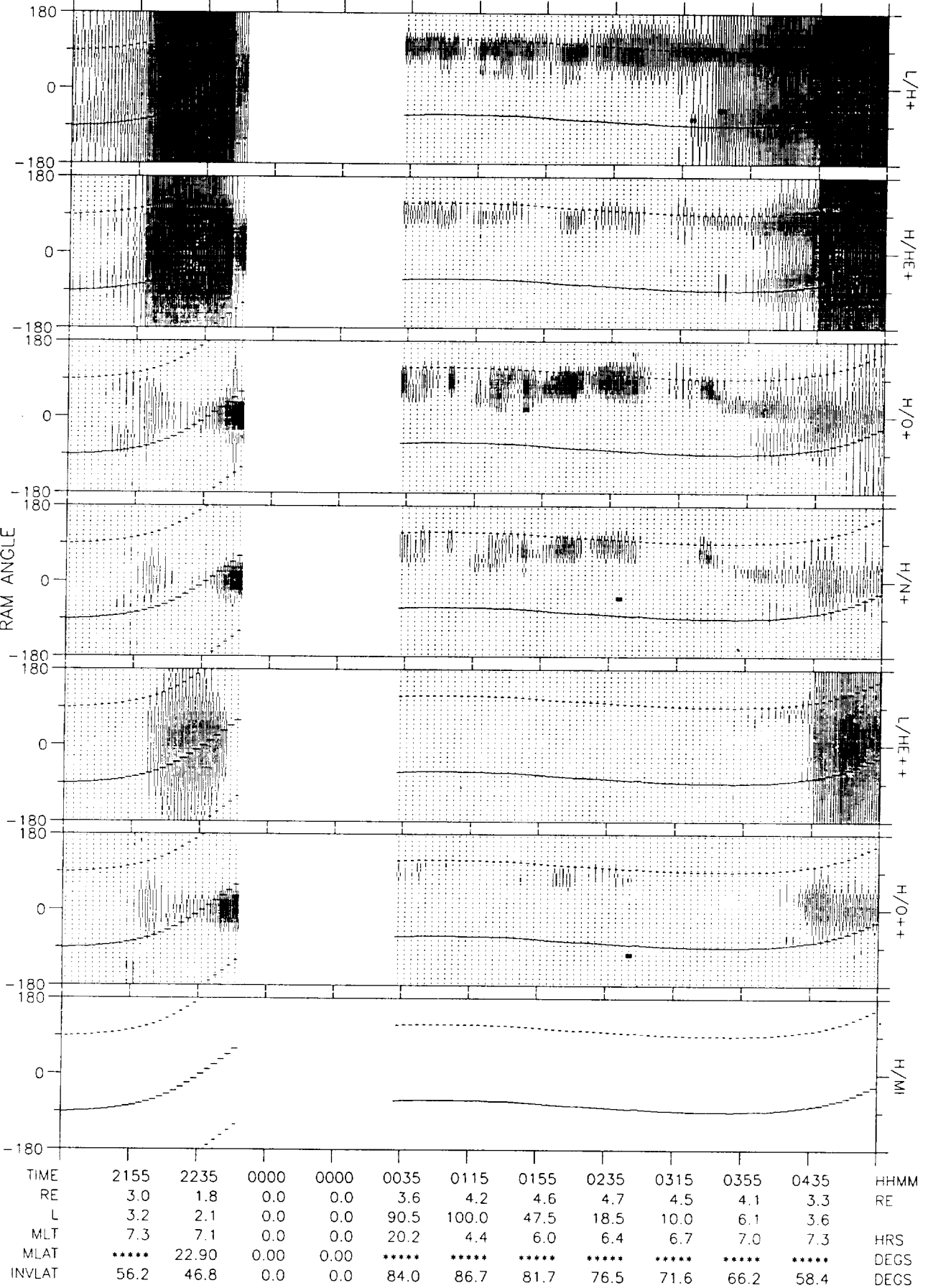
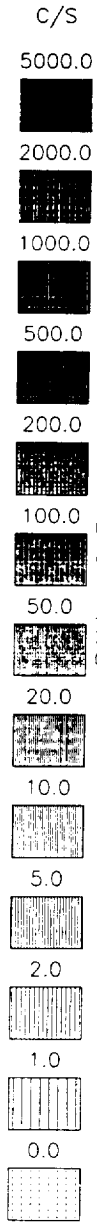
82/317 13-NOV 1430:00 - 2230:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1510	1550	1630	1710	1750	1830	1910	1950	2030	2110	2150	HHMM
RE	2.9	1.6	1.4	2.7	3.7	4.3	4.6	4.6	4.4	4.0	3.2	RE
L	2.9	3.8	1.6	22.3	80.9	41.9	23.4	14.8	9.6	6.0	3.5	HRS
MLT	7.5	6.8	19.3	17.3	12.4	9.7	8.8	8.3	7.9	7.6	7.3	DEGS
MLAT	4.81	49.43	*****	*****	*****	*****	*****	*****	*****	*****	*****	DEGS
INVLAT	54.1	59.0	38.9	77.8	83.6	81.1	78.1	74.9	71.1	65.9	57.6	

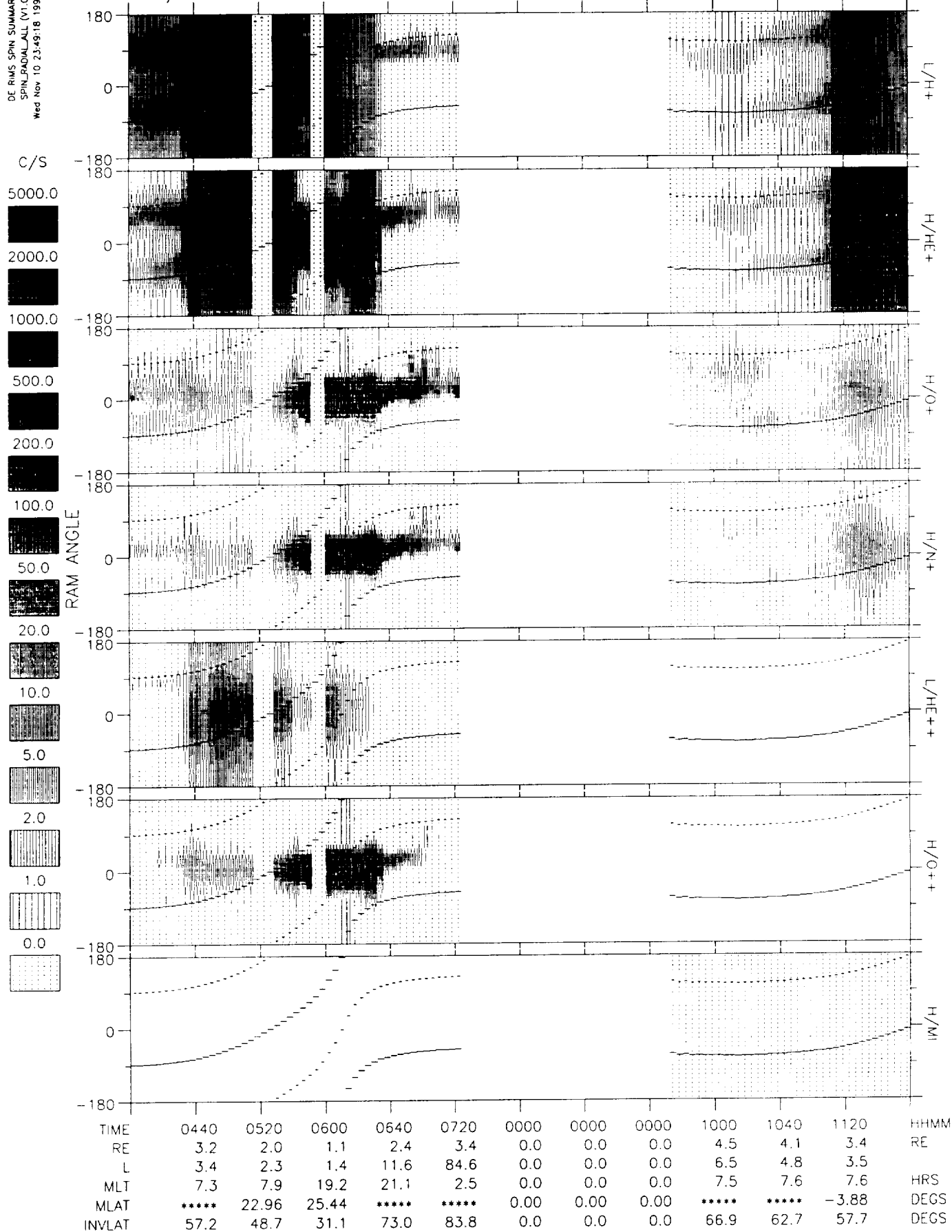
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Wed Nov 10 23:46:20 1993

82/317 13-NOV 2115:00 - 0515:00 HEAD= RL RPA= 0 to 1000 BIAS= A



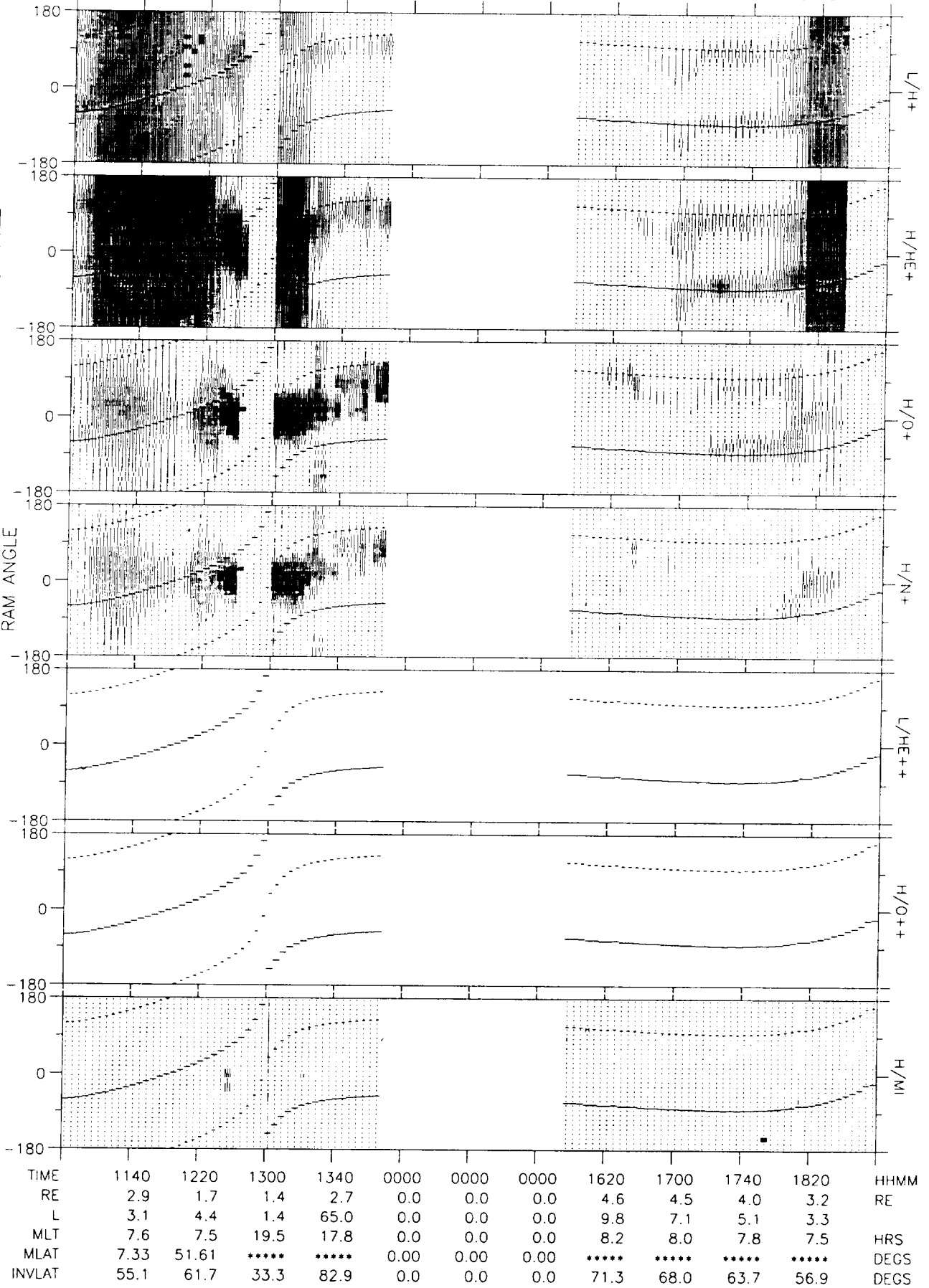
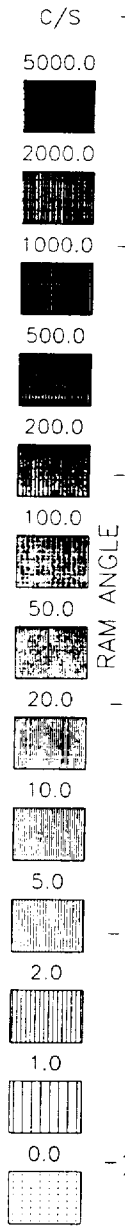
DE RMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Wed Nov 10 23:49:18 1993

82/318 14-NOV 0400:00 - 1200:00 HEAD= RL RPA= 0 to 1000 BIAS= A



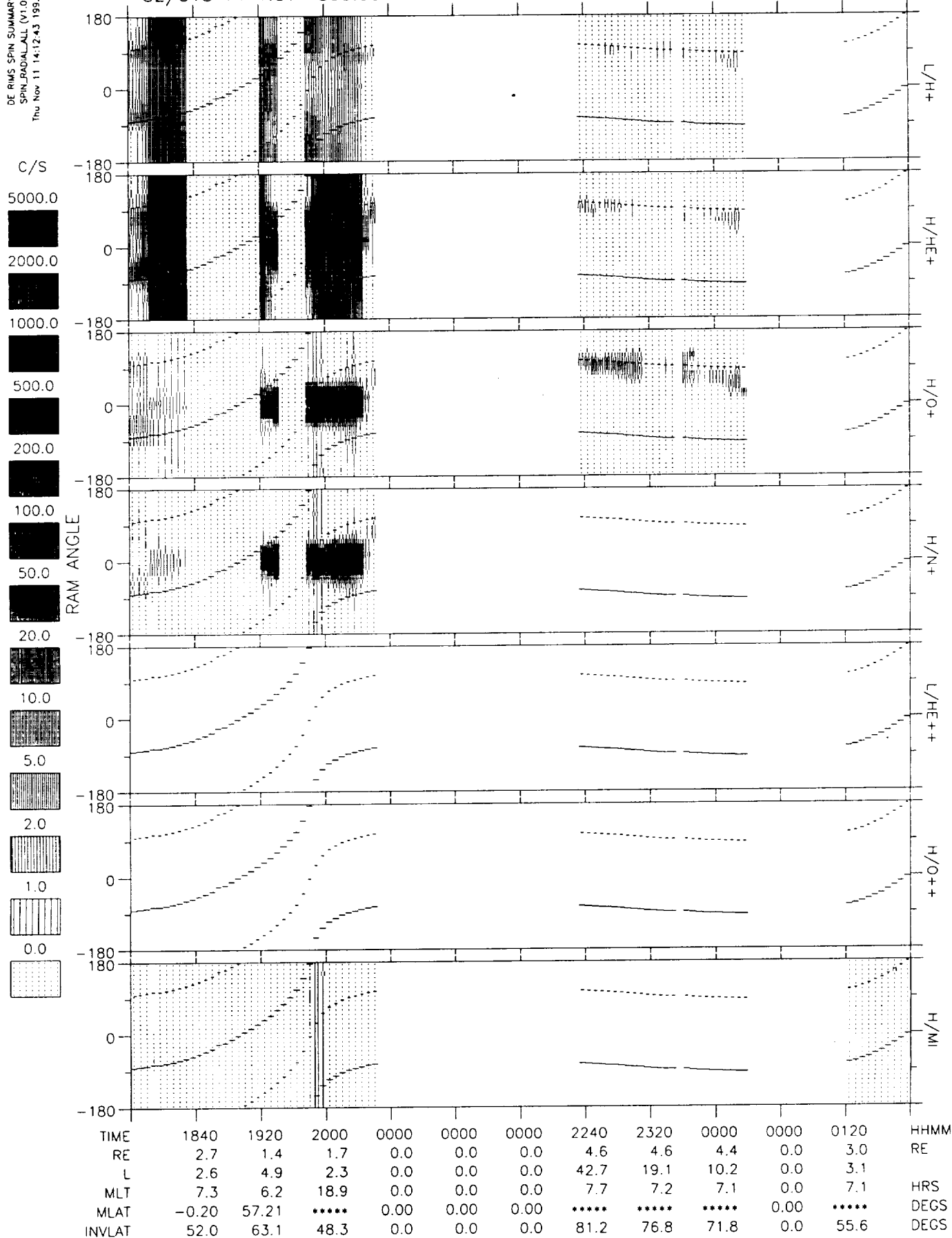
DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Thu Nov 11 14:09:56 1993

82/318 14-NOV 1100:00 - 1900:00 HEAD= RL RPA= 0 to 1000 BIAS= A



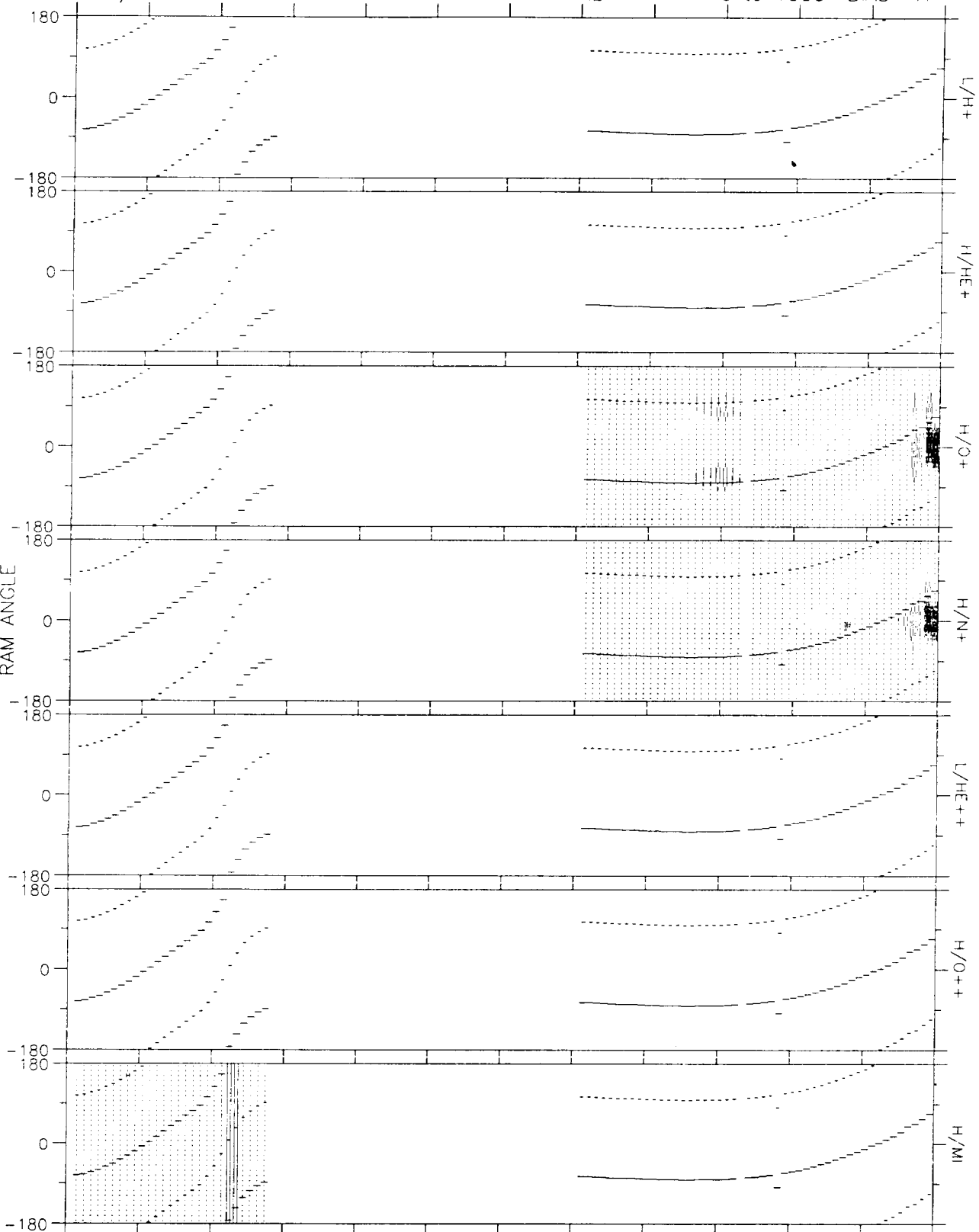
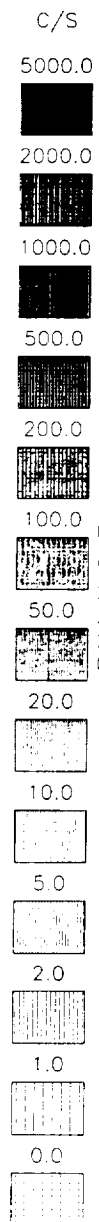
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Thu Nov 11 14:12:43 1993

82/318 14-NOV 1800:00 - 0200:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Thu Nov 11 14:14:48 1993

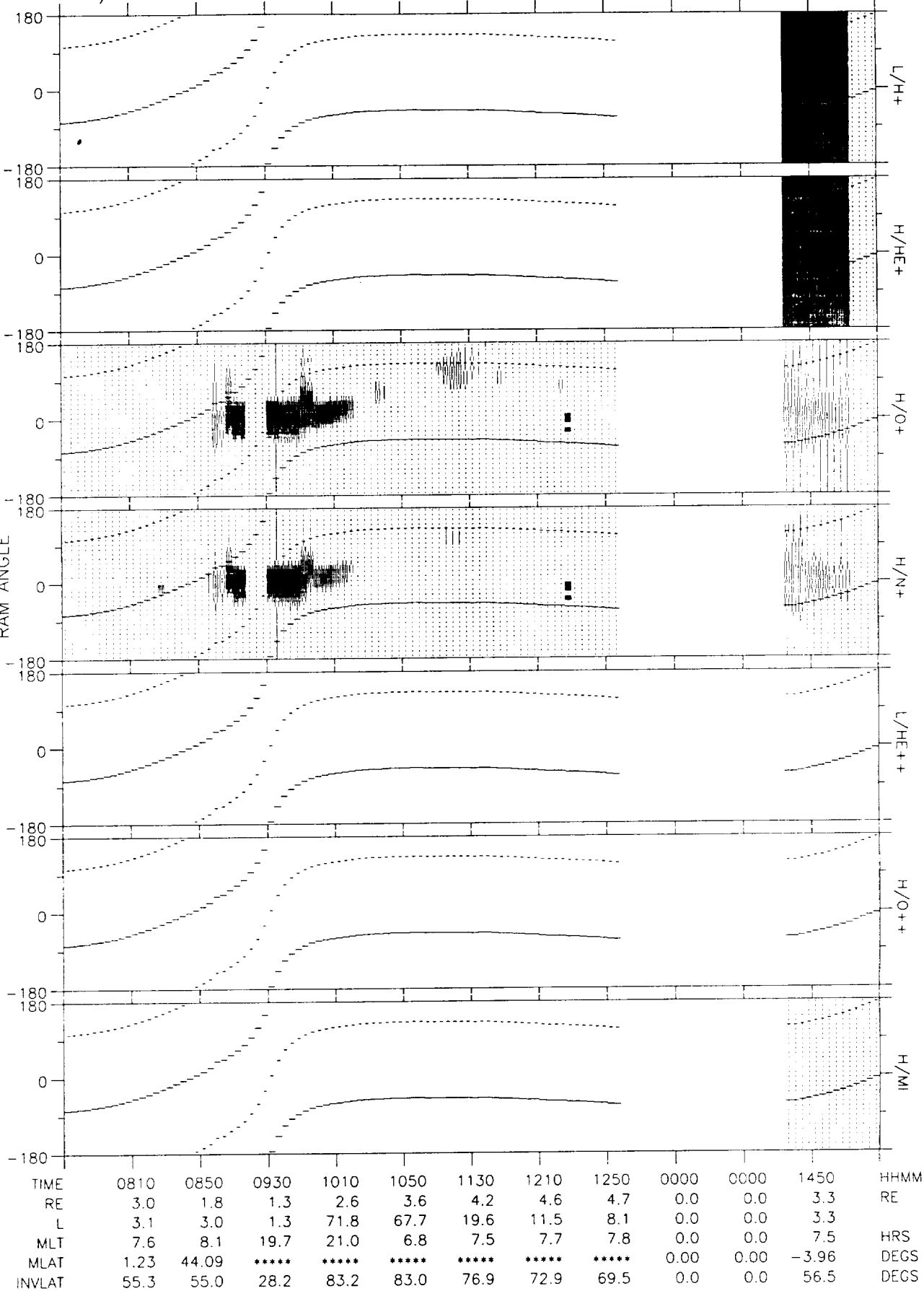
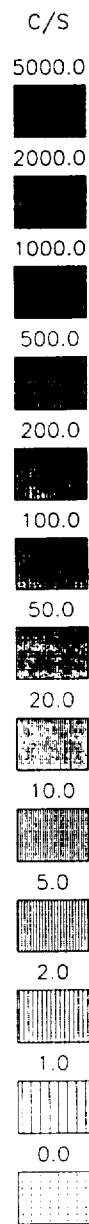
82/319 15-NOV 0115:00 - 0915:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0155	0235	0000	0000	0000	0000	0000	0635	0715	0755	0835	HHMM
RE	1.9	1.2	0.0	0.0	0.0	0.0	0.0	4.5	4.1	3.4	2.3	RE
L	2.1	1.4	0.0	0.0	0.0	0.0	0.0	7.7	5.2	3.5	2.6	
MLT	7.4	19.1	0.0	0.0	0.0	0.0	0.0	6.9	7.2	7.5	7.9	HRS
MLAT	19.23	22.50	0.00	0.00	0.00	0.00	0.00	*****	*****	-7.61	22.64	DEGS
INVLAT	46.9	31.4	0.0	0.0	0.0	0.0	0.0	68.9	64.0	57.9	51.6	DEGS

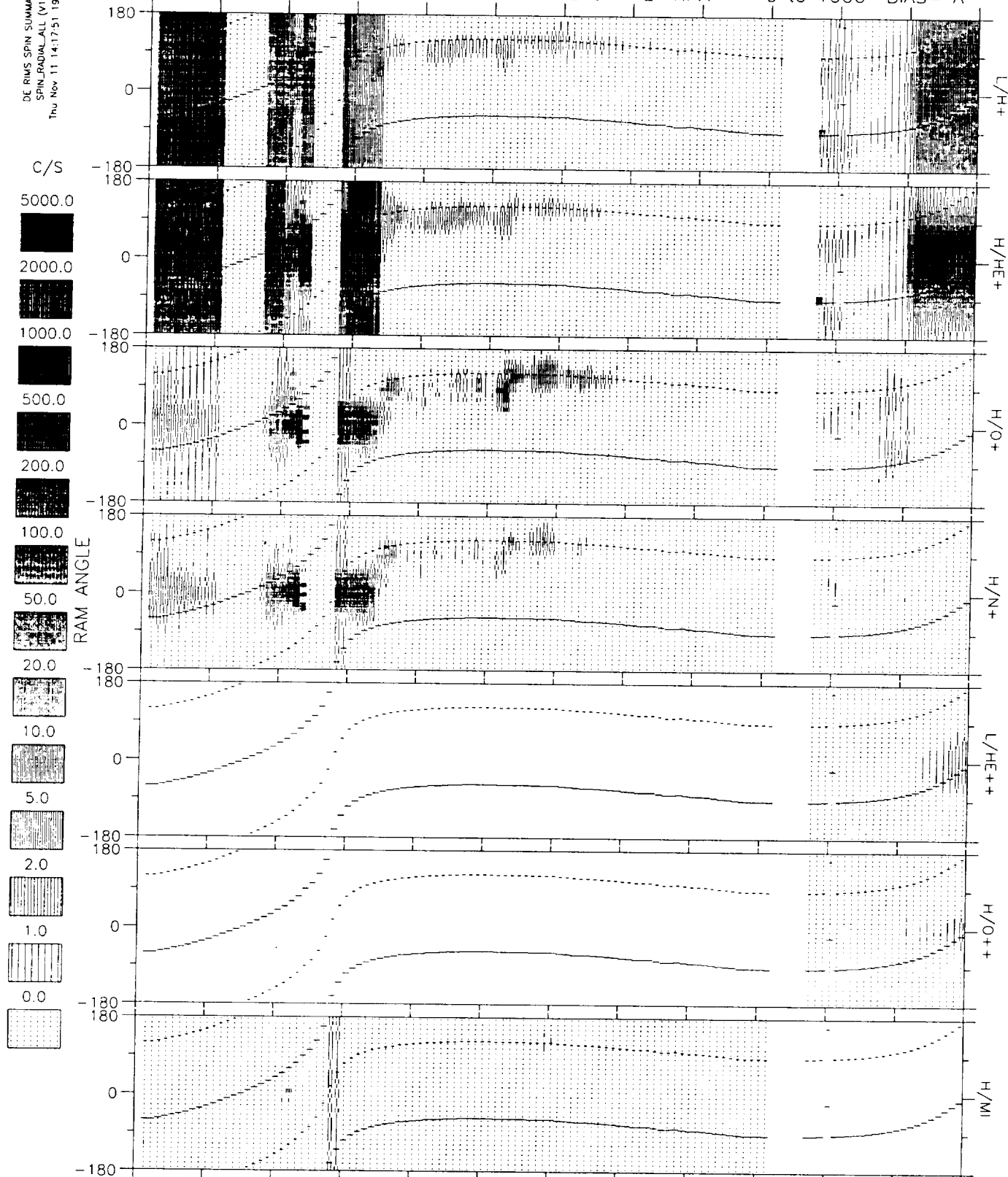
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Thu Nov 11 14:16:04 1993

82/319 15-NOV 0730:00 - 1530:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Thu Nov 11 14:17:51 1993

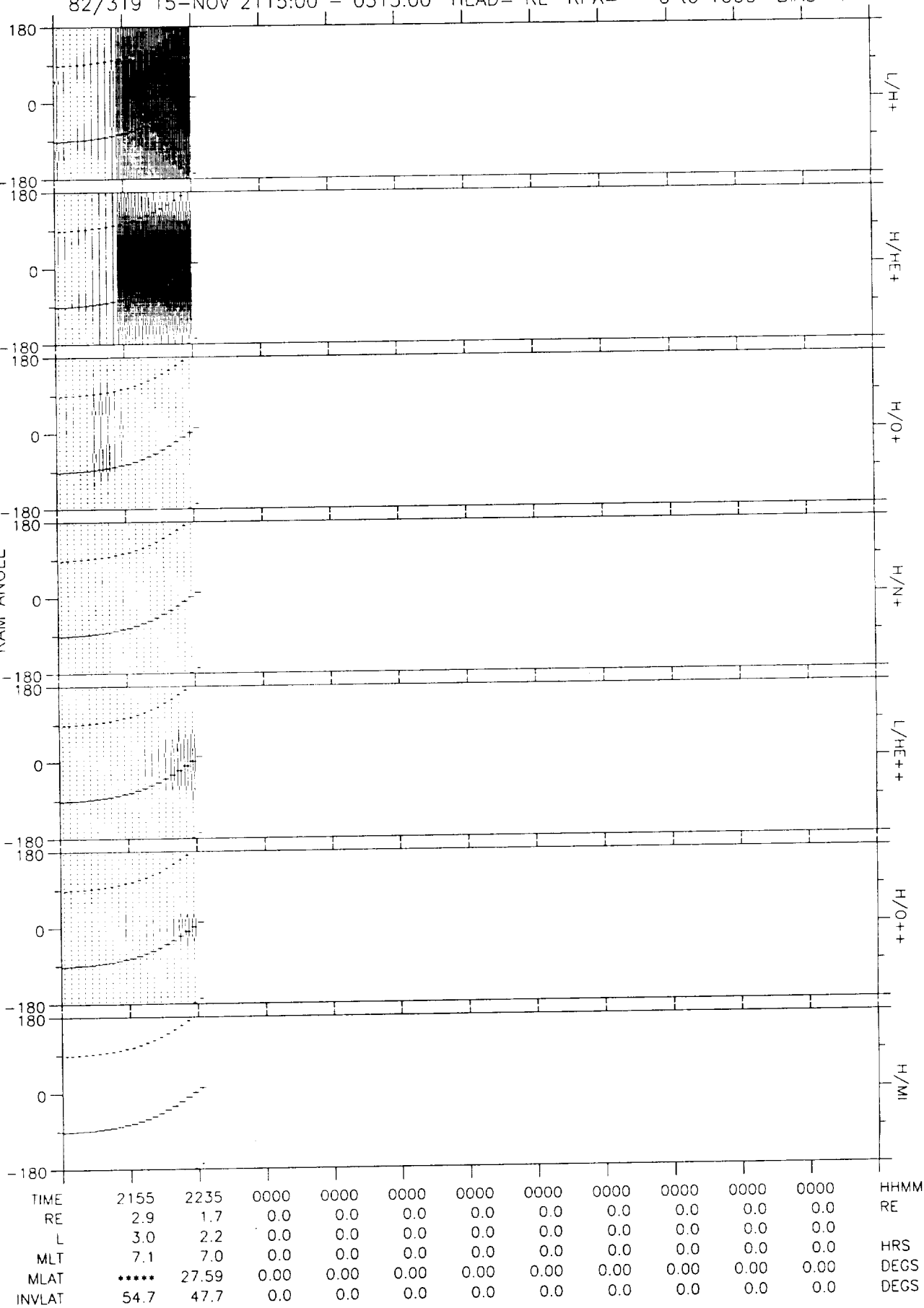
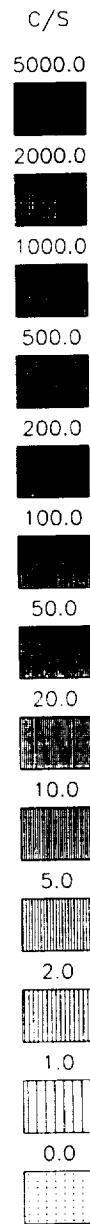
82/319 15-NOV 1430:00 - 2230:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1510	1550	1630	1710	1750	1830	1910	1950	2030	2110	2150	HHMM
RE	2.7	1.4	1.6	2.9	3.8	4.3	4.6	4.6	4.4	3.9	3.0	RE
L	2.8	6.2	2.3	28.9	80.0	40.8	23.0	14.4	9.2	5.7	3.2	
MLT	7.4	6.2	18.9	16.8	11.9	9.5	8.6	8.1	7.7	7.4	7.2	HRS
MLAT	7.74	61.23	*****	*****	*****	*****	*****	*****	*****	*****	*****	DEGS
INVLAT	53.2	66.3	49.0	79.3	83.6	81.0	78.0	74.8	70.8	65.2	56.2	DEGS

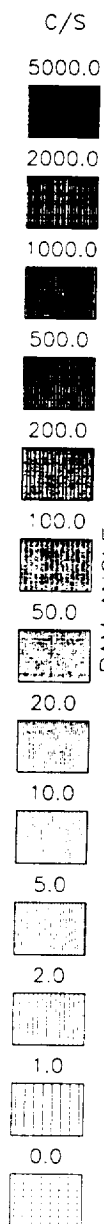
DE RIMS SPIN SUMMARY
SPIN-RADIALALL (V1.0)
Thu Nov 11 14:20:46 1993

82/319 15-NOV 2115:00 - 0515:00 HEAD= RL RPA= 0 to 1000 BIAS= A

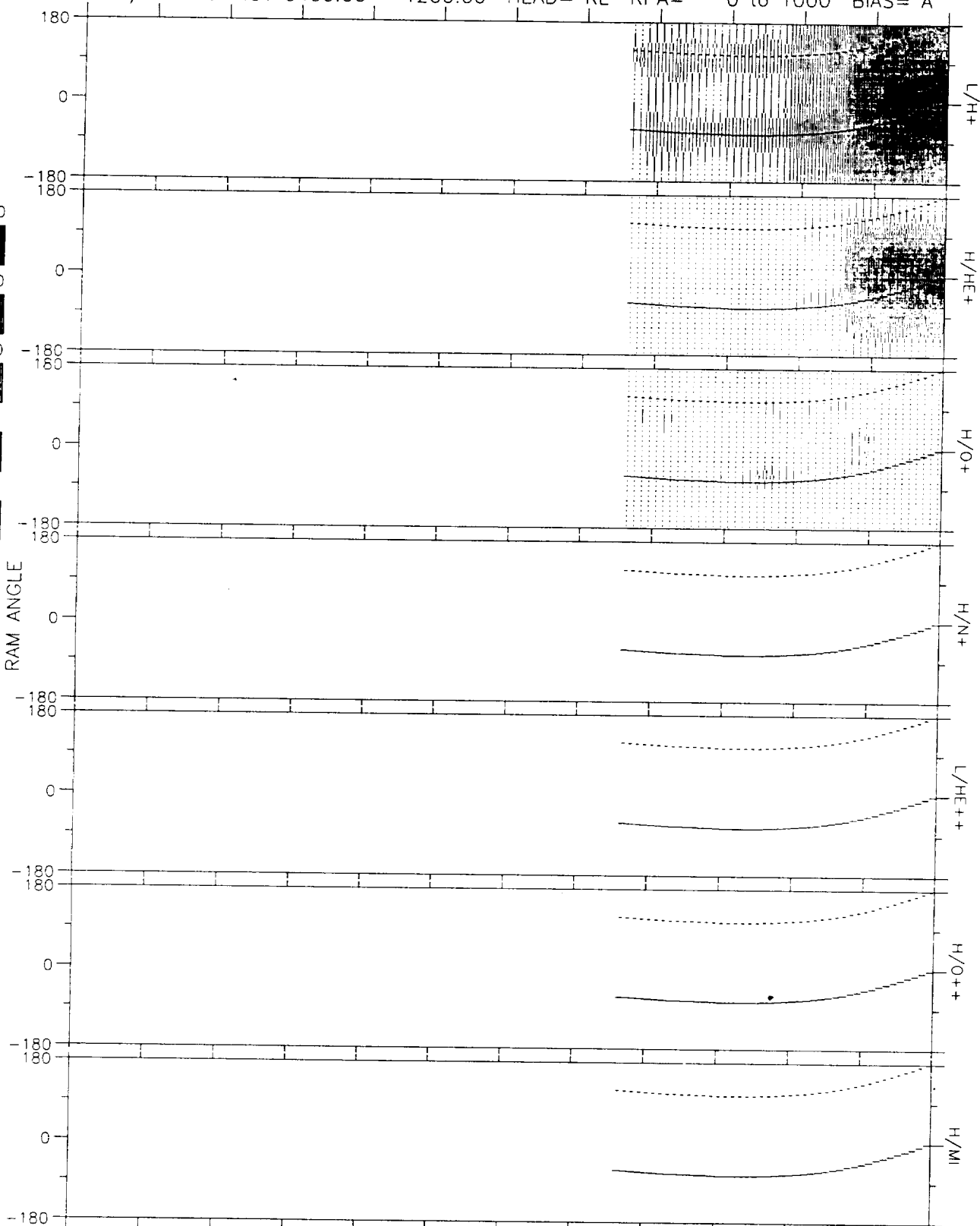


DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Thu Nov 11 14:22:12 1993

82/320 16-NOV 0400:00 - 1200:00 HEAD= RL RPA= 0 to 1000 BIAS= A



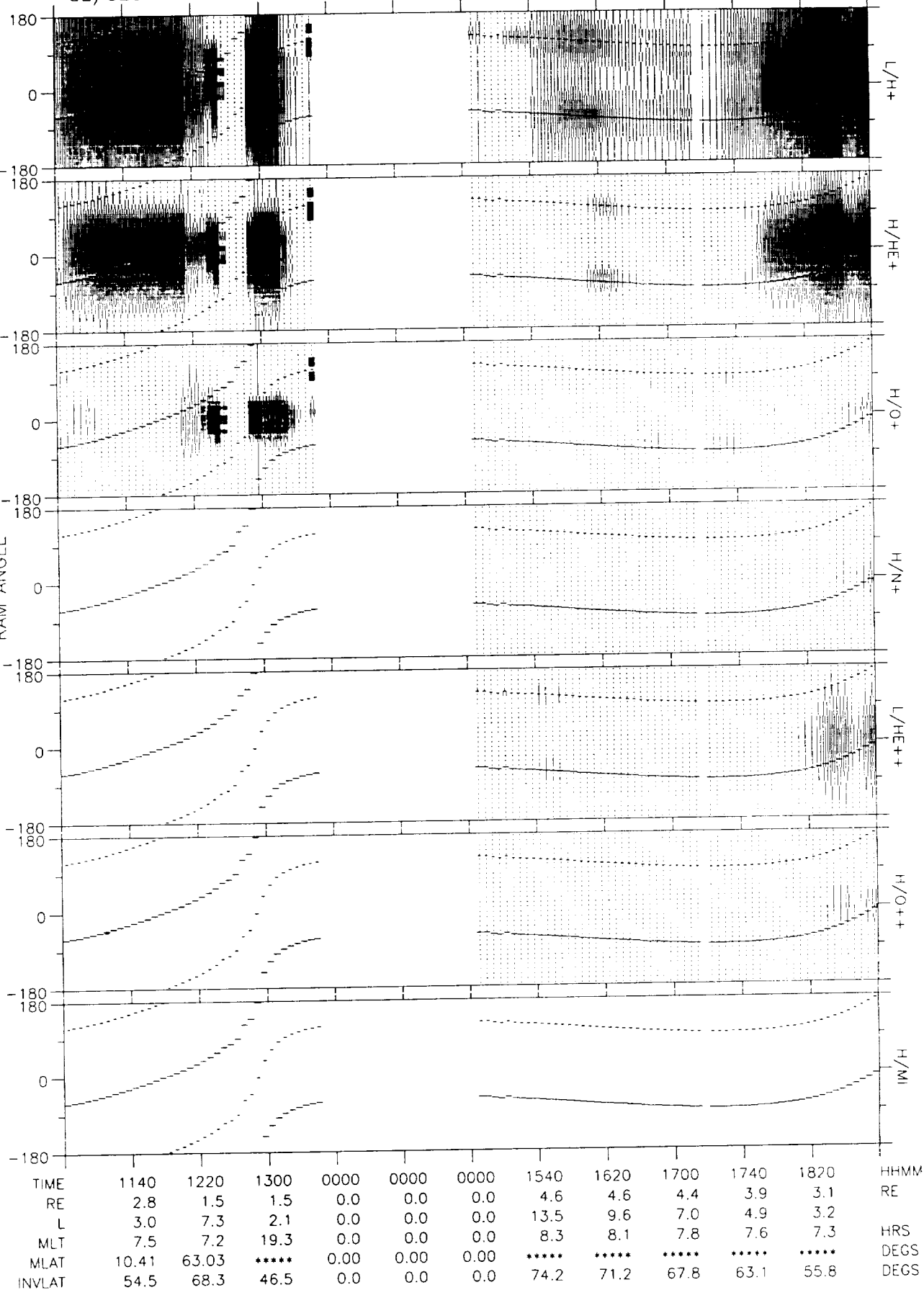
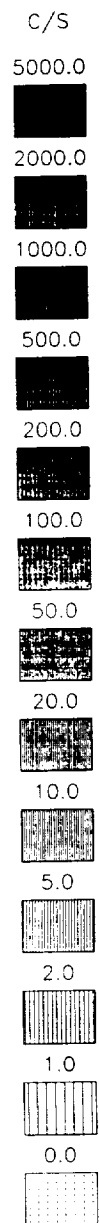
RAM ANGLE



TIME	0000	0000	0000	0000	0000	0000	0000	0920	1000	1040	1120	HHMM
RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	4.5	4.1	3.3	RE
L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	6.3	4.6	3.4	
MLT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	7.3	7.5	7.5	HRS
MLAT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*****	*****	*****	-1.79	DEGS
INVLAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.3	66.5	62.2	57.0	DEGS

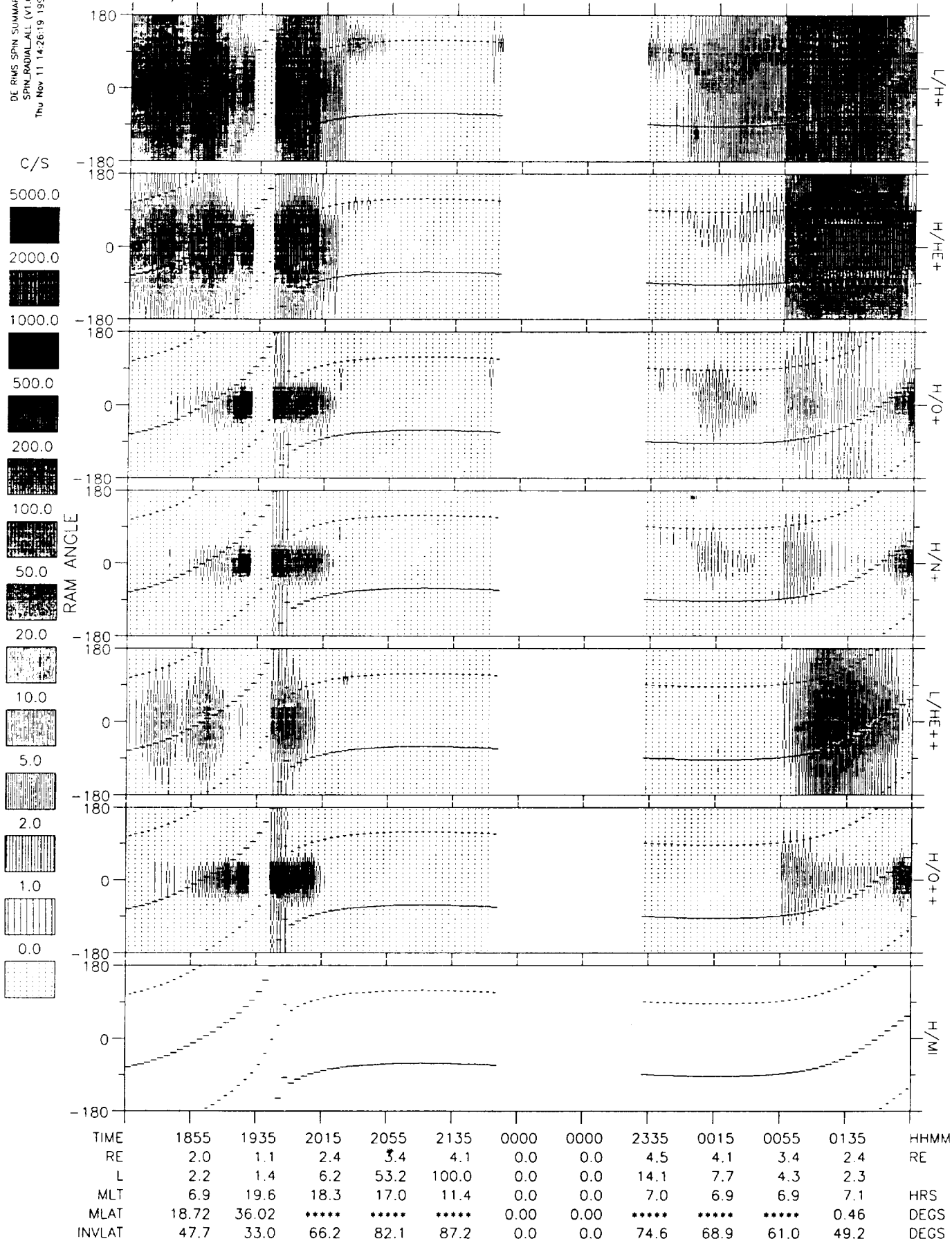
DE RIMS SPIN SUMMARY
SPINRADIAL ALL (V1.0)
Thu Nov 11 14:23:40 1993

82/320 16-NOV 1100:00 - 1900:00 HEAD= RL RPA= 0 to 1000 BIAS= A



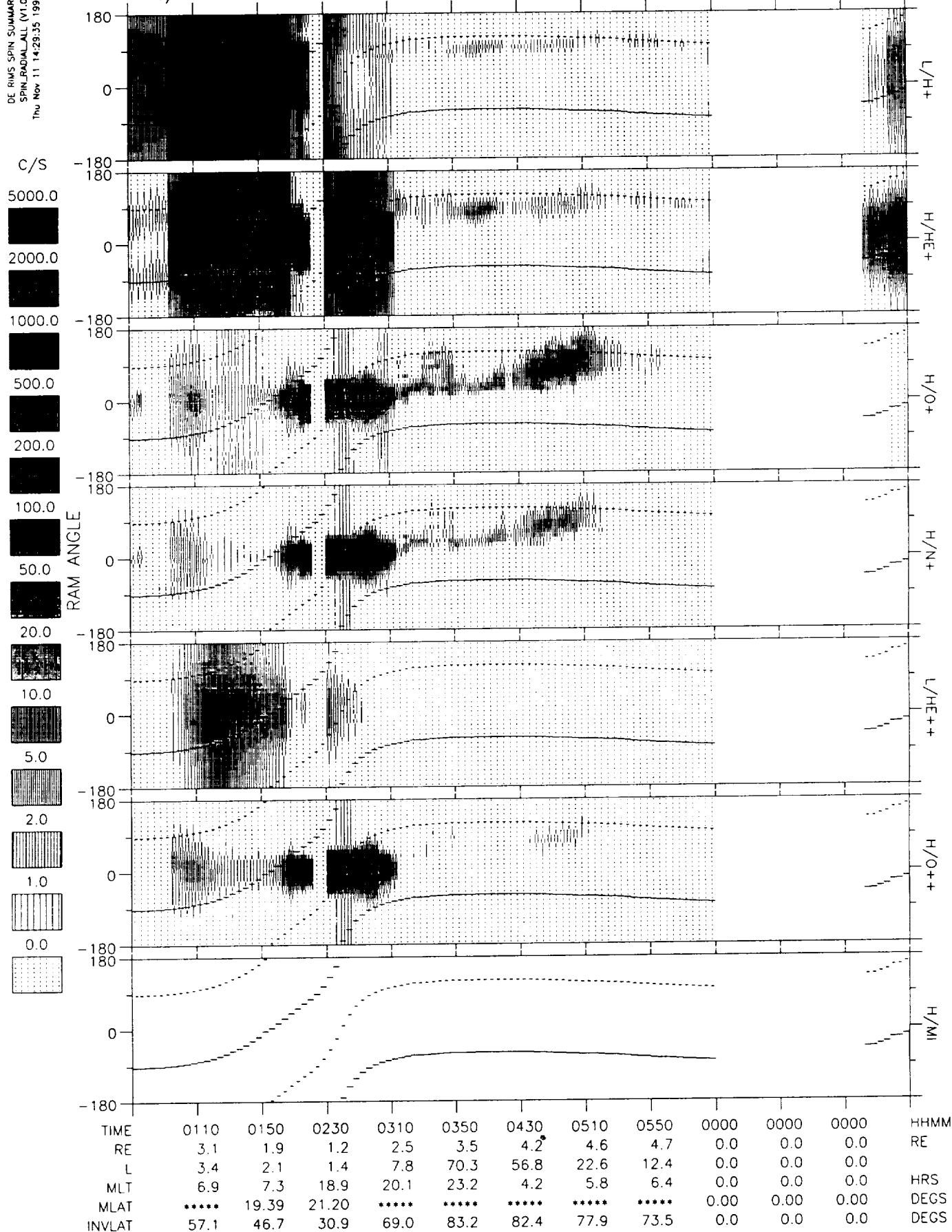
DE RMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Thu Nov 11 14:26:19 1993

82/320 16-NOV 1815:00 - 0215:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Thu Nov 11 14:29:35 1993

82/321 17-NOV 0030:00 - 0830:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Thu Nov 11 16:10:32 1993

82/321 17-NOV 0730:00 - 1530:00 HEAD= RL RPA= 0 to 1000 BIAS= A

C/S

5000.0

2000.0

1000.0

500.0

200.0

100.0

50.0

20.0

10.0

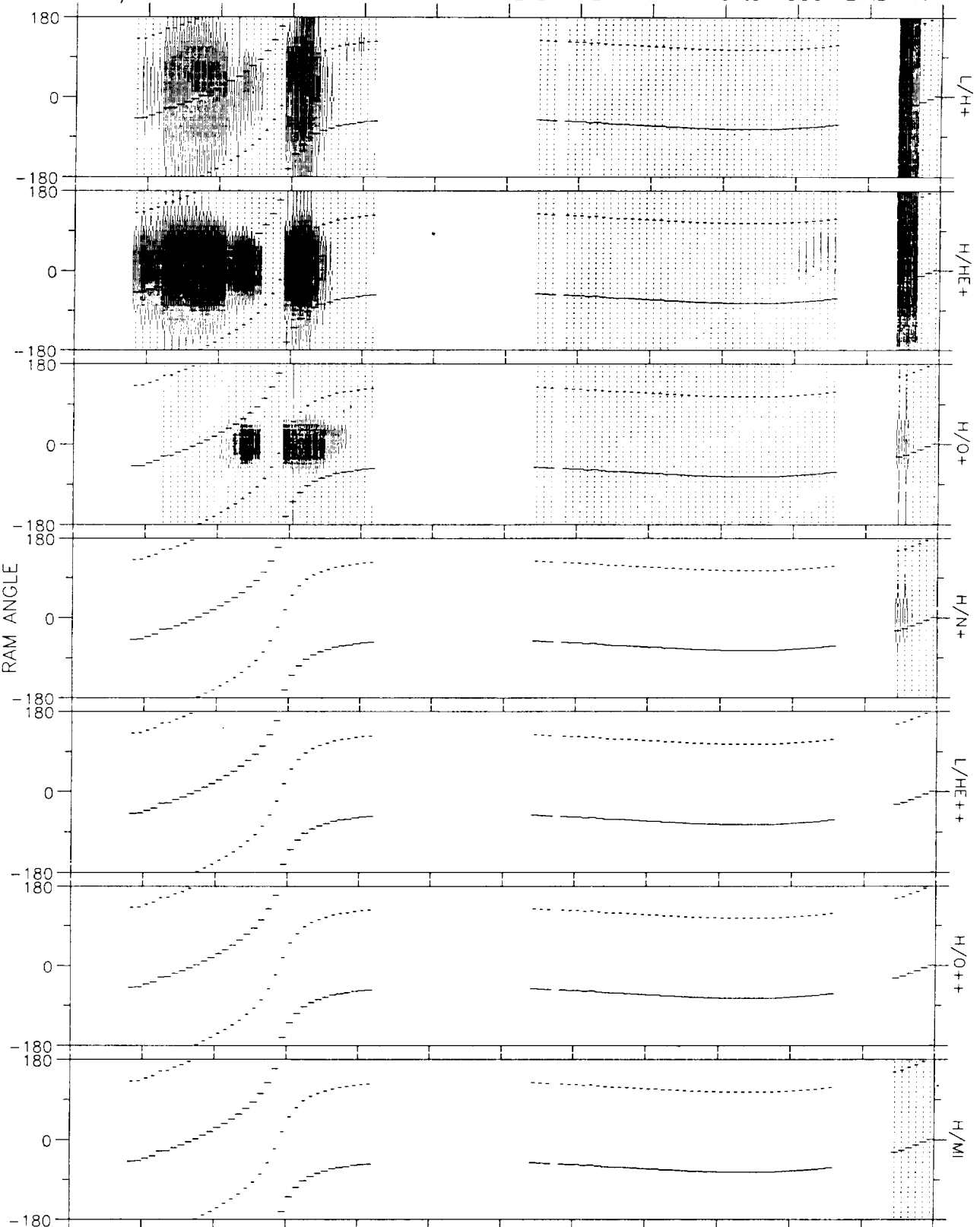
5.0

2.0

1.0

0.0

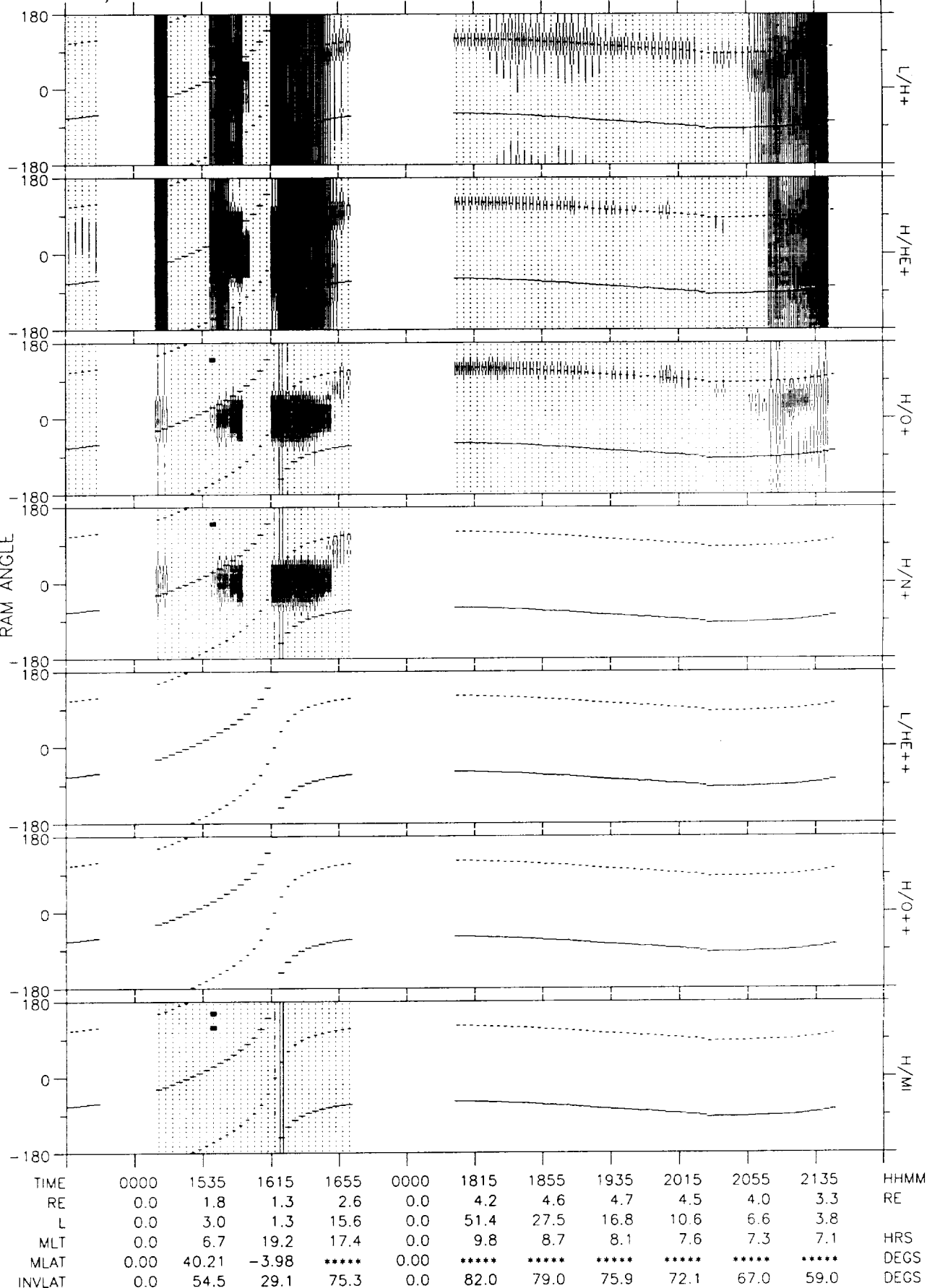
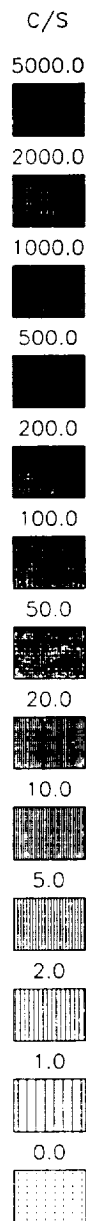
RAM ANGLE



TIME	0810	0850	0930	1010	0000	0000	1210	1250	1330	1410	0000	HHMM
RE	2.9	1.6	1.5	2.8	0.0	0.0	4.6	4.6	4.4	3.9	0.0	RE
L	2.9	4.0	1.8	-0.0	0.0	0.0	11.6	8.0	5.9	4.4	0.0	
MLT	7.5	8.2	19.7	21.3	0.0	0.0	7.6	7.6	7.6	7.5	0.0	HRS
MLAT	4.48	54.81	*****	*****	0.00	0.00	*****	*****	*****	*****	0.00	DEGS
INVLAT	54.3	59.9	41.7	-0.0	0.0	0.0	73.0	69.2	65.7	61.5	0.0	DEGS

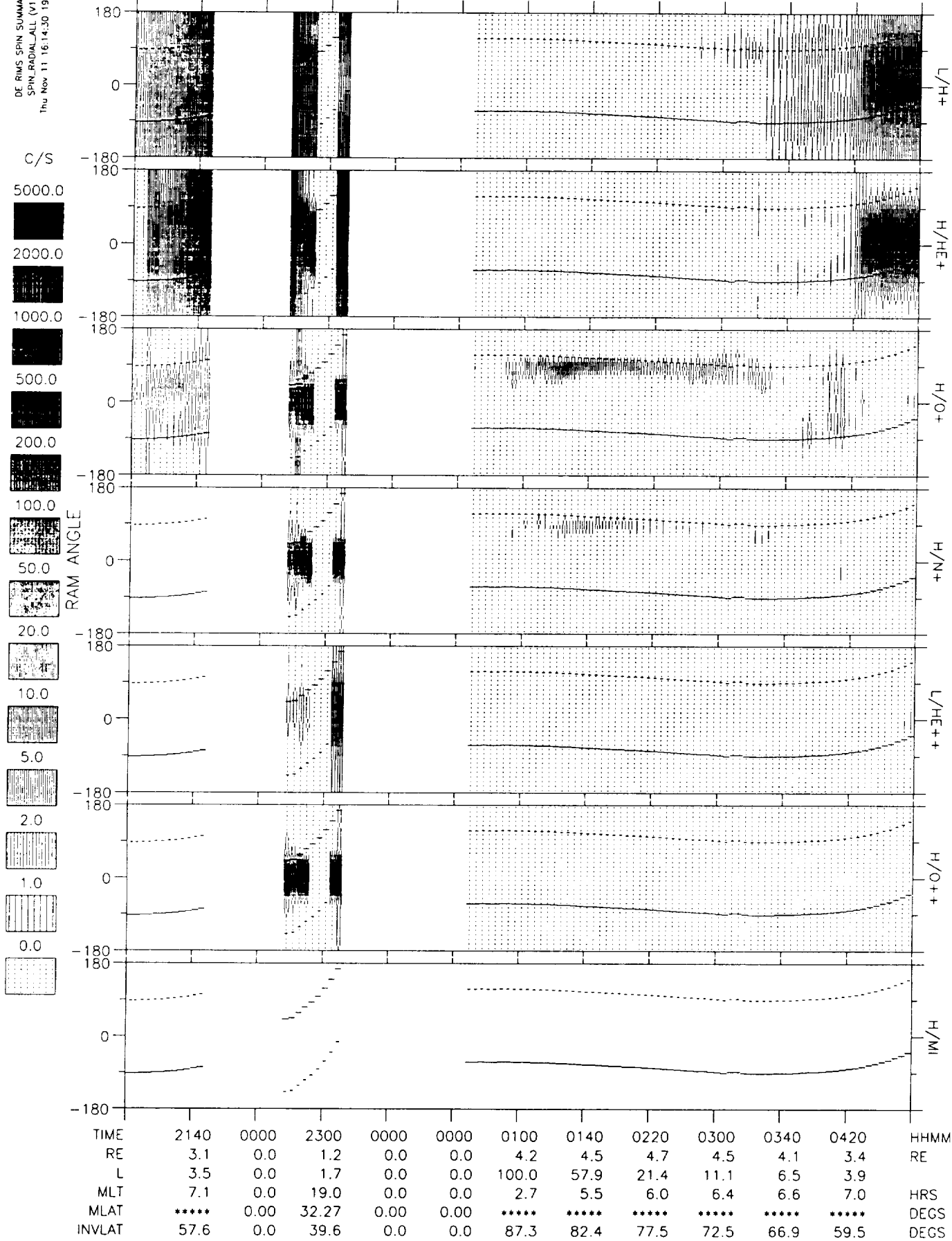
DE RMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Thu Nov 11 16:12:21 1993

82/321 17-NOV 1415:00 - 2215:00 HEAD= RL RPA= 0 to 1000 BIAS= A

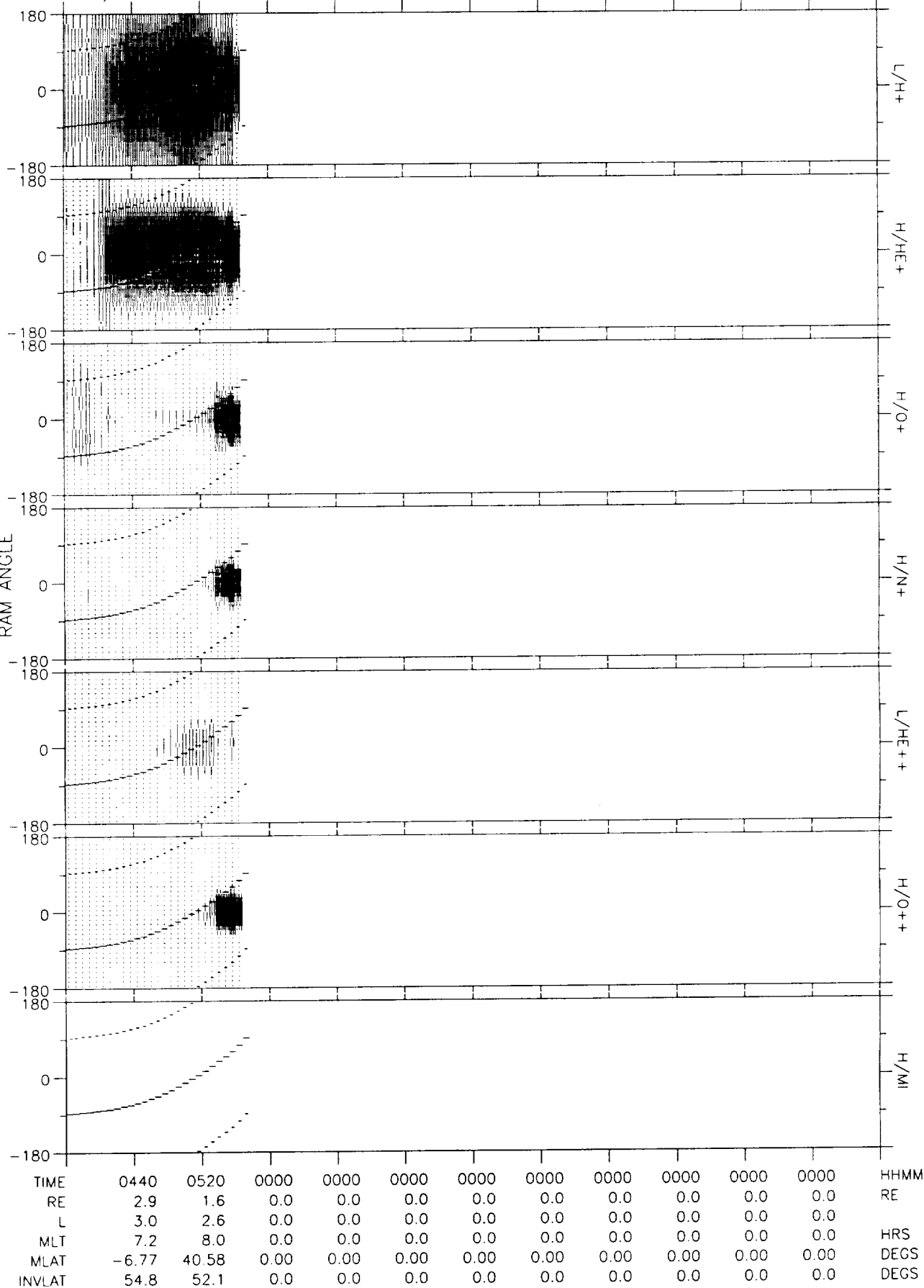
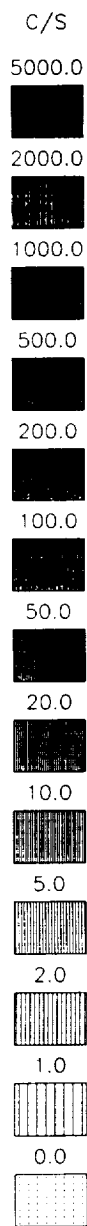


DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Nov 11 16:14:30 1993

82/321 17-NOV 2100:00 - 0500:00 HEAD= RL RPA= 0 to 1000 BIAS= A

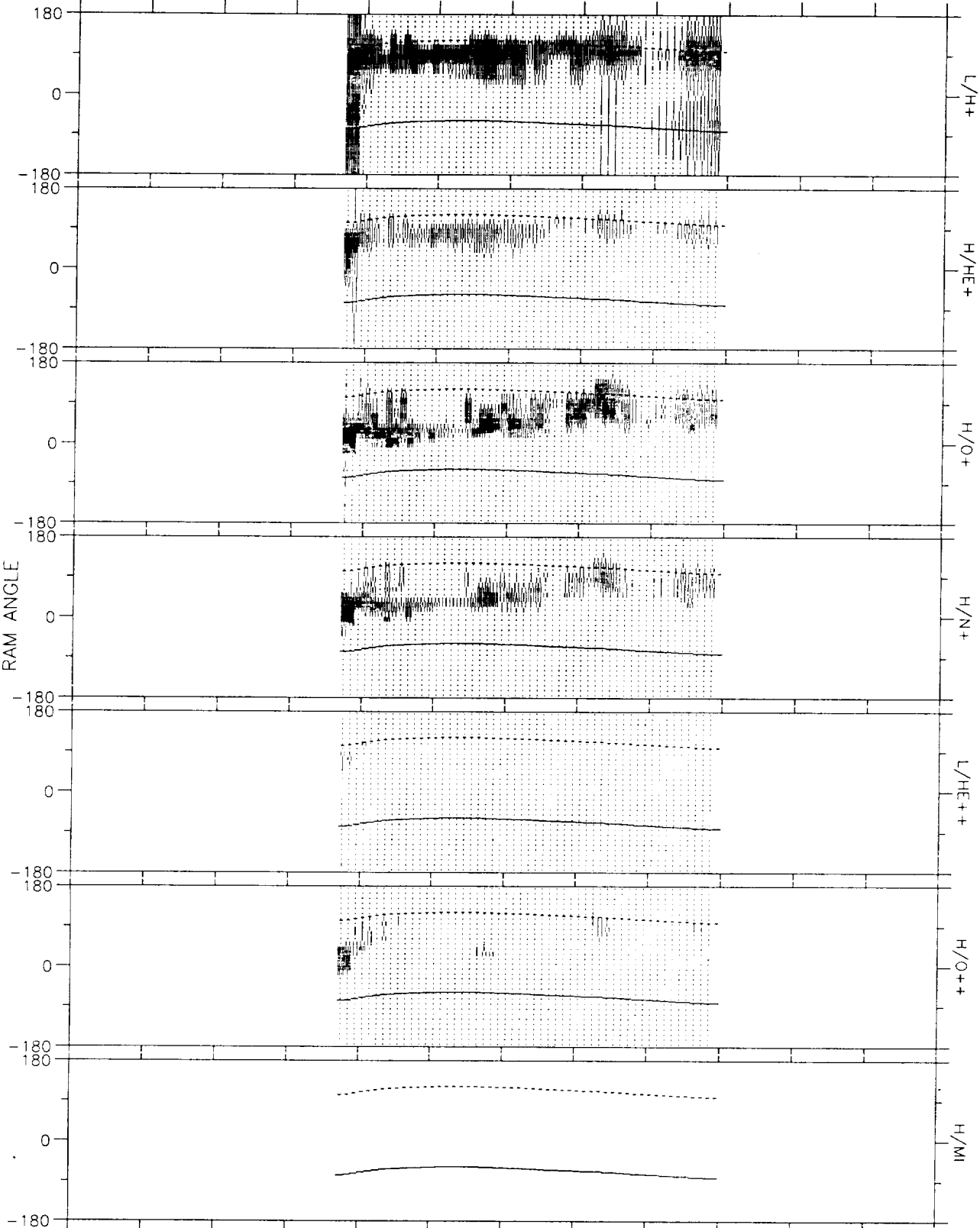
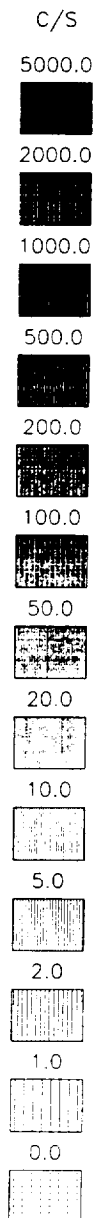


82/322 18-NOV 0400:00 - 1200:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DC RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Thu Nov 11 16:18:28 1993

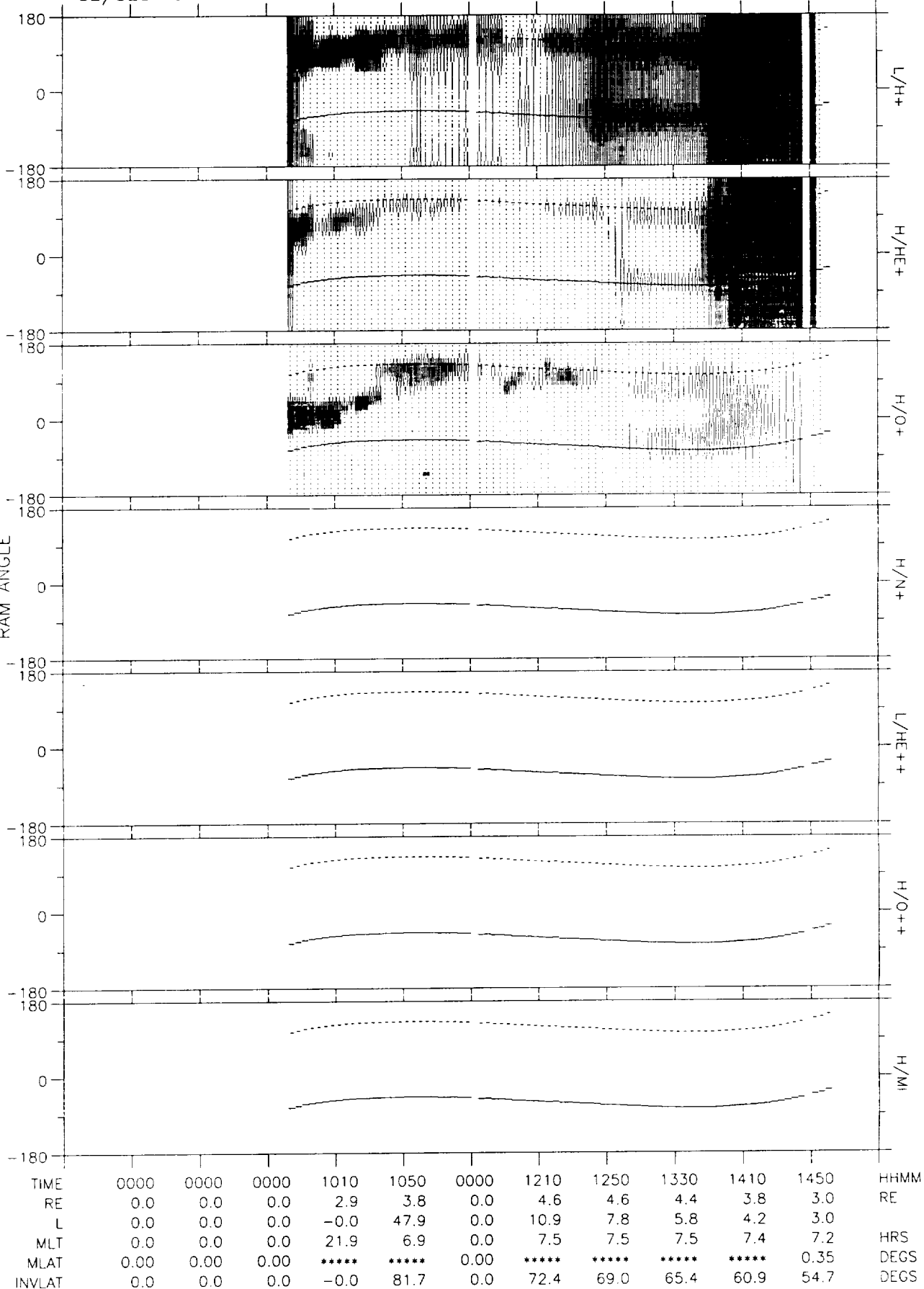
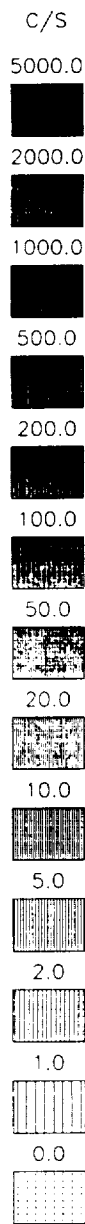
82/323 19-NOV 0030:00 - 0830:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0310	0350	0430	0510	0550	0000	0000	0000	HHMM
RE	0.0	0.0	0.0	2.7	3.6	4.3	4.6	4.6	0.0	0.0	0.0	RE
L	0.0	0.0	0.0	10.3	81.4	51.0	21.2	11.8	0.0	0.0	0.0	
MLT	0.0	0.0	0.0	20.2	23.7	4.3	5.7	6.3	0.0	0.0	0.0	HRS
MLAT	0.00	0.00	0.00	*****	*****	*****	*****	*****	0.00	0.00	0.00	DEGS
INVLAT	0.0	0.0	0.0	71.8	83.6	81.9	77.4	73.1	0.0	0.0	0.0	DEGS

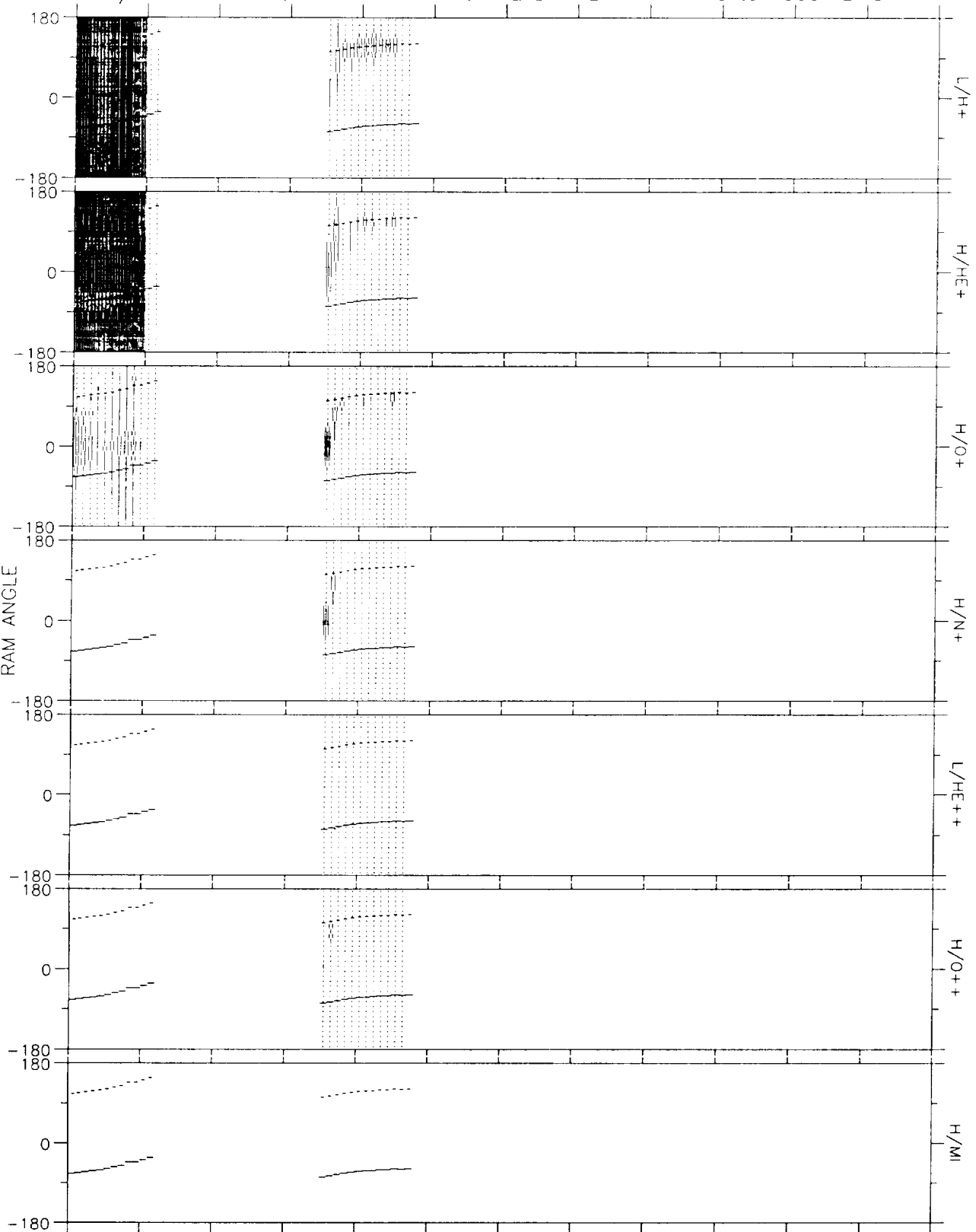
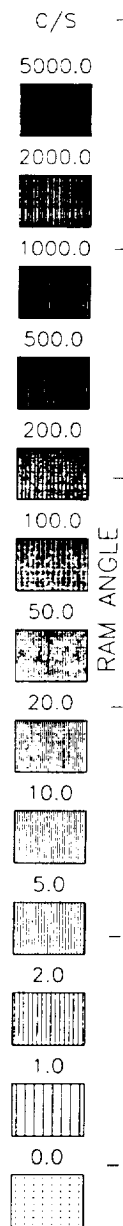
DE RMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Nov 11 16:20:13 1993

82/323 19-NOV 0730:00 - 1530:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Nov 11 16:22:19 1993

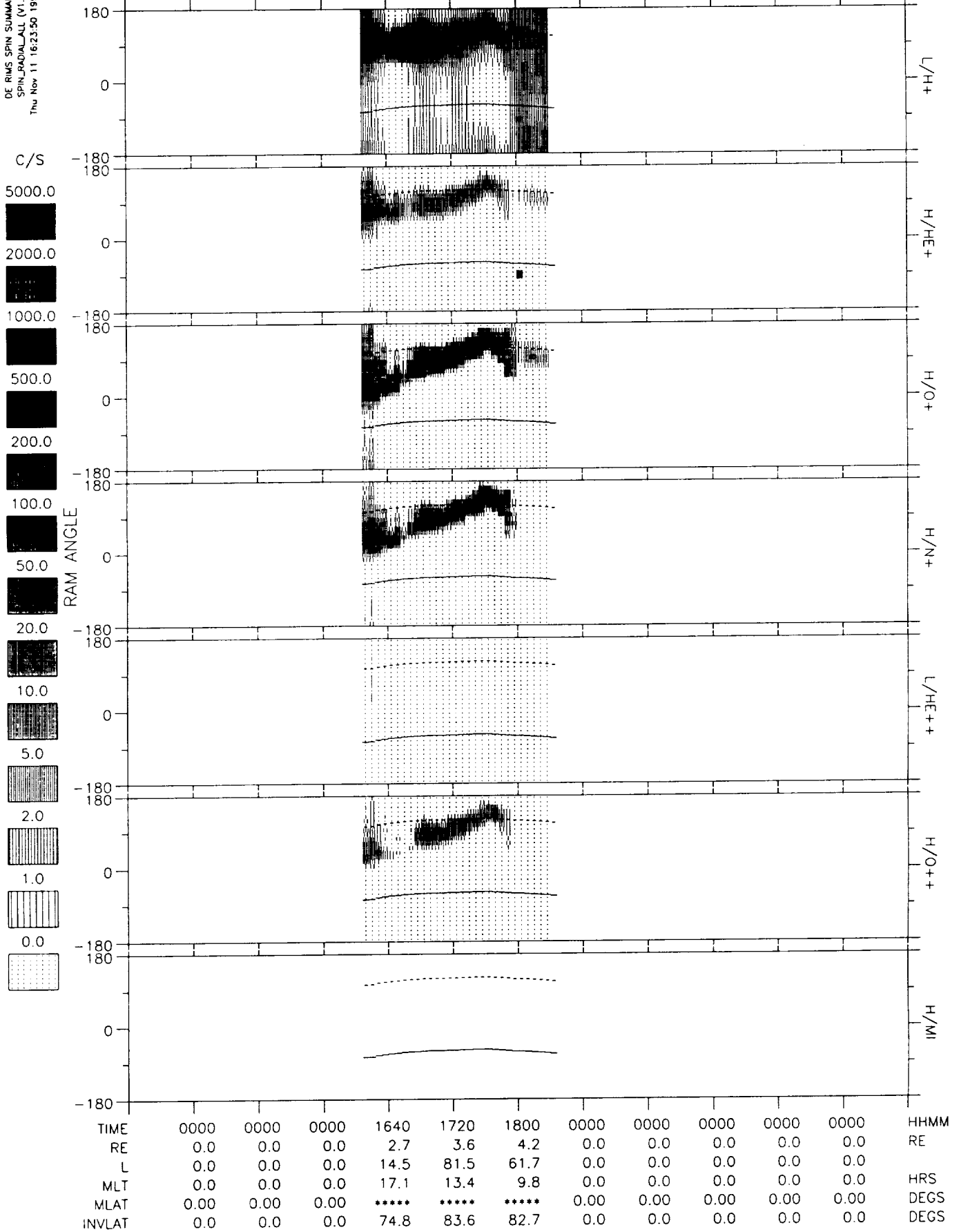
82/323 19-NOV 1415:00 - 2215:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	1455	0000	0000	1655	0000	0000	0000	0000	0000	0000	0000	HHMM
RE	2.9	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	RE
L	2.9	0.0	0.0	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MLT	7.2	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	HRS
MLAT	3.47	0.00	0.00	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	DEGS
INVLAT	53.8	0.0	0.0	77.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DEGS

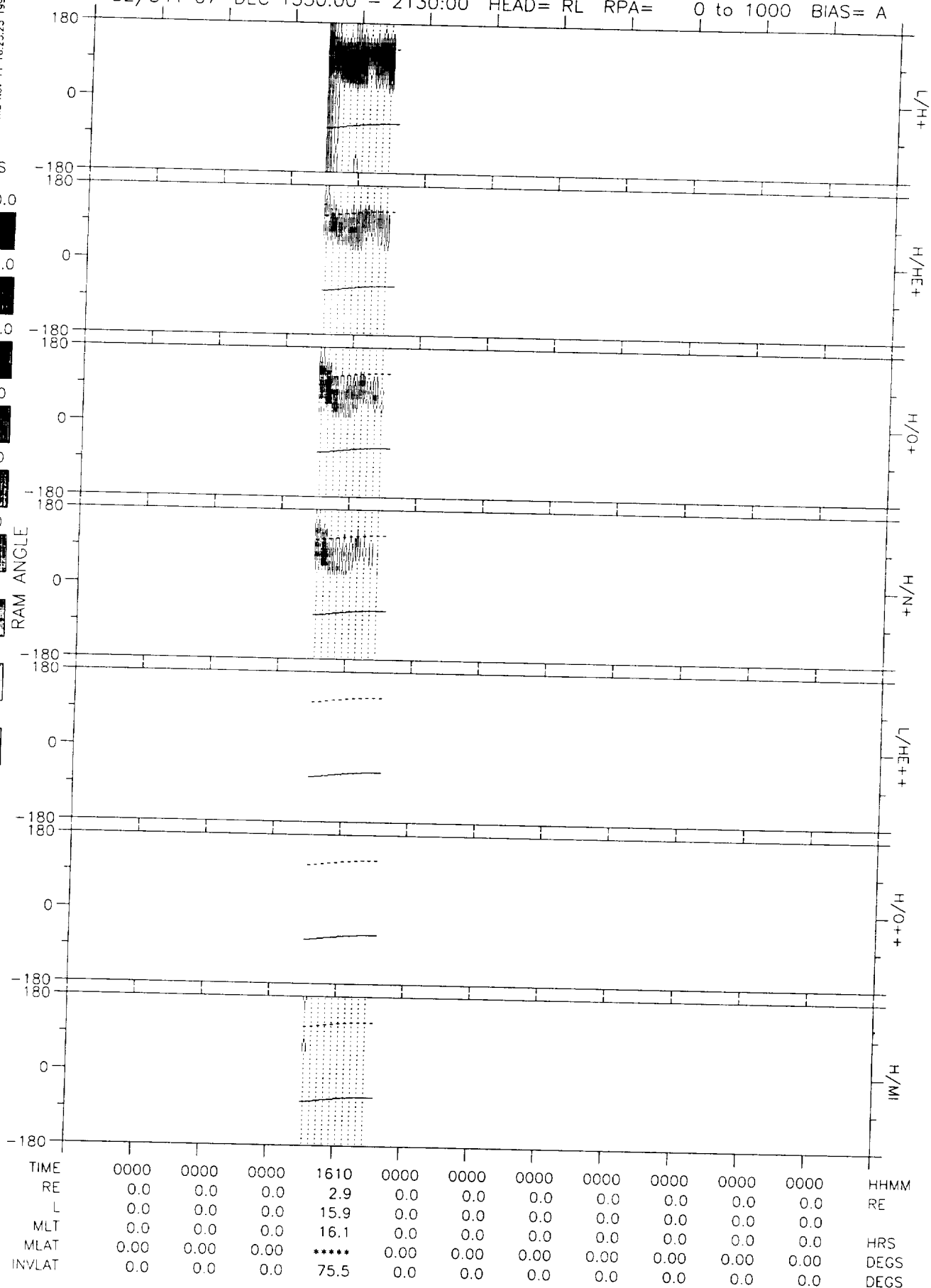
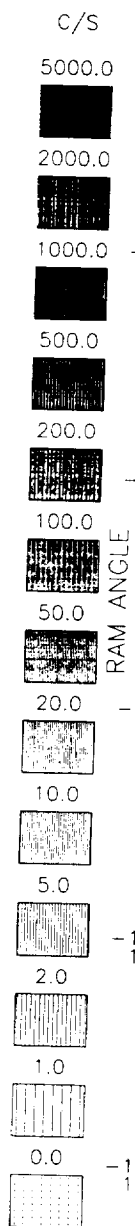
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Nov 11 16:23:50 1993

82/327 23--NOV 1400:00 - 2200:00 HEAD= RL RPA= 0 to 1000 BIAS= A



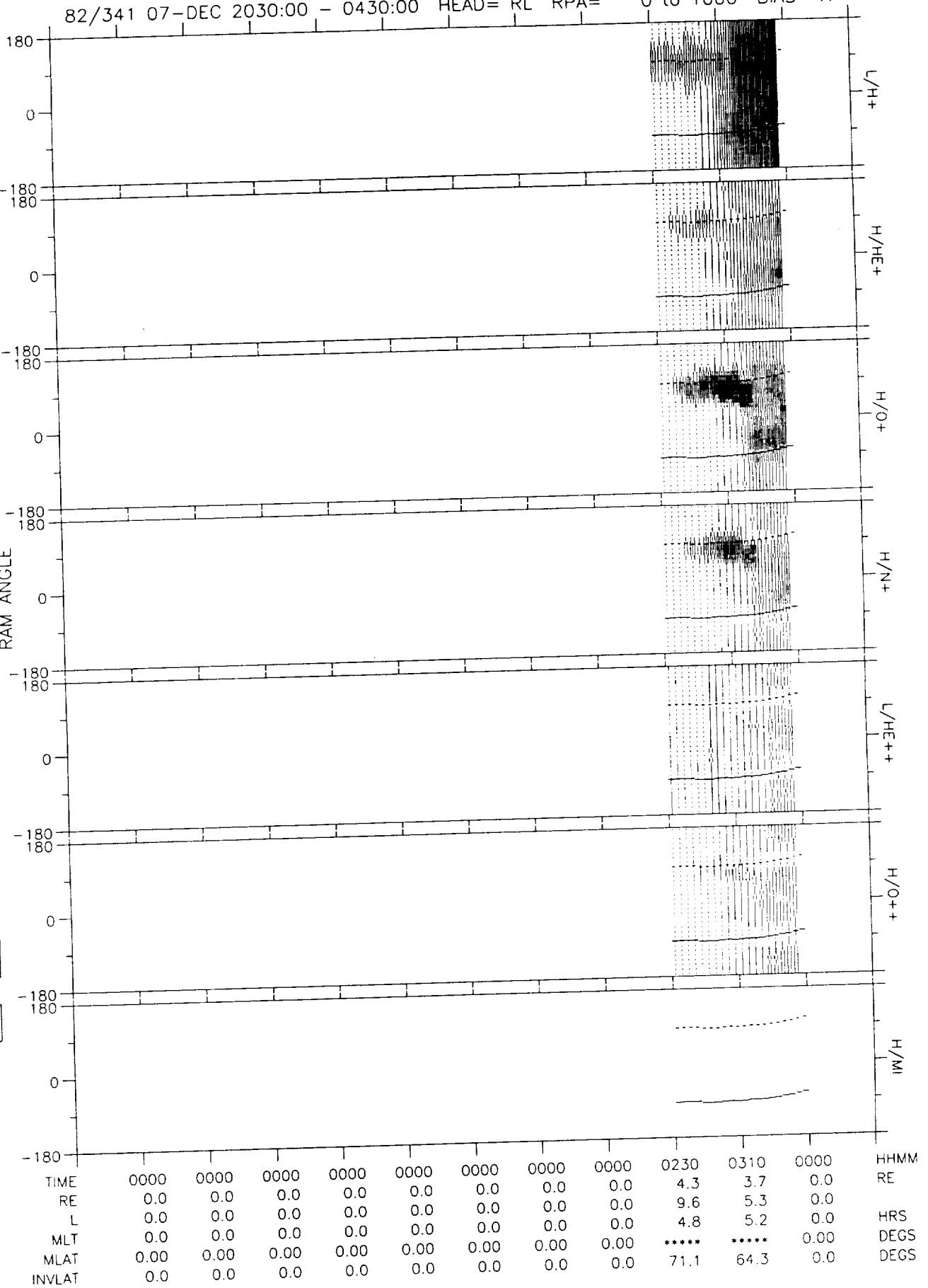
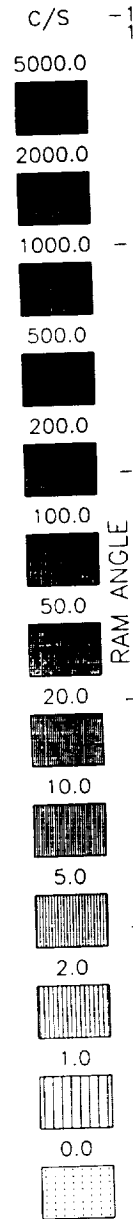
DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Thu Nov 11 16:25:23 1993

82/341 07-DEC 1330:00 - 2130:00 HEAD= RL RPA= 0 to 1000 BIAS= A



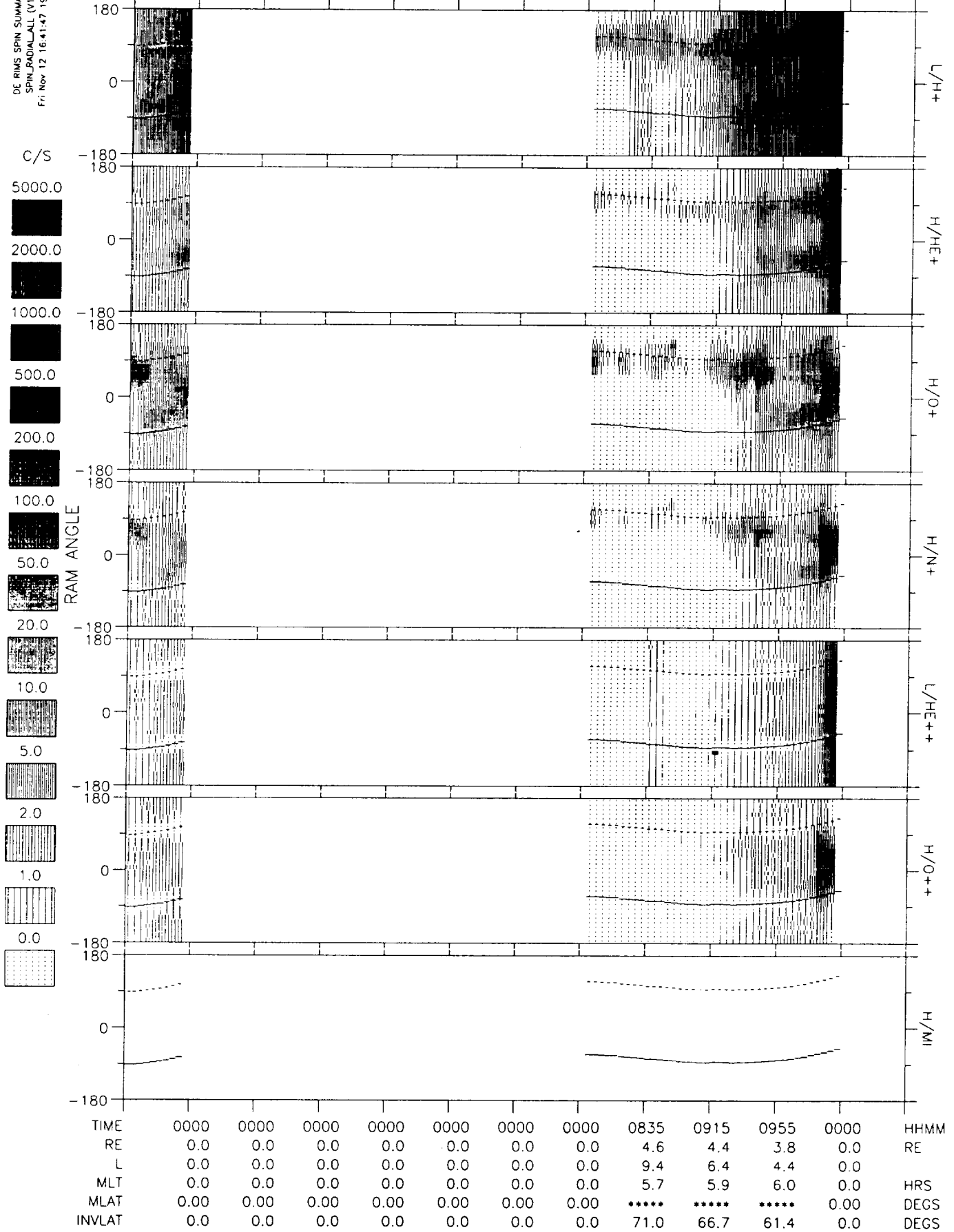
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Thu Nov 11 16:26:34 1993

82/341 07-DEC 2030:00 - 0430:00 HEAD= RL RPA= 0 to 1000 BIAS= A



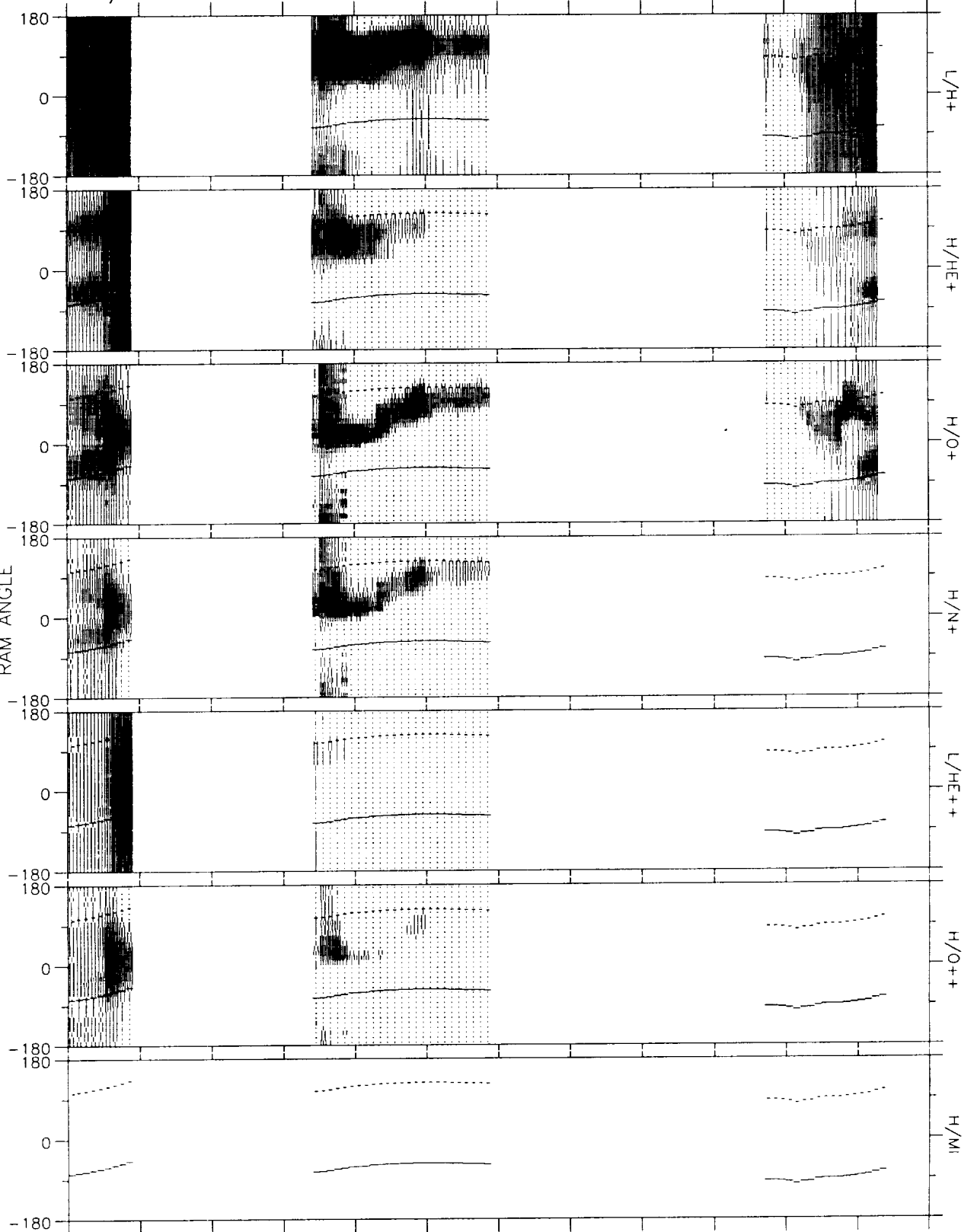
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Fri Nov 12 16:41:47 1993

82/342 08-DEC 0315:00 - 1115:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 12 16:43:42 1993

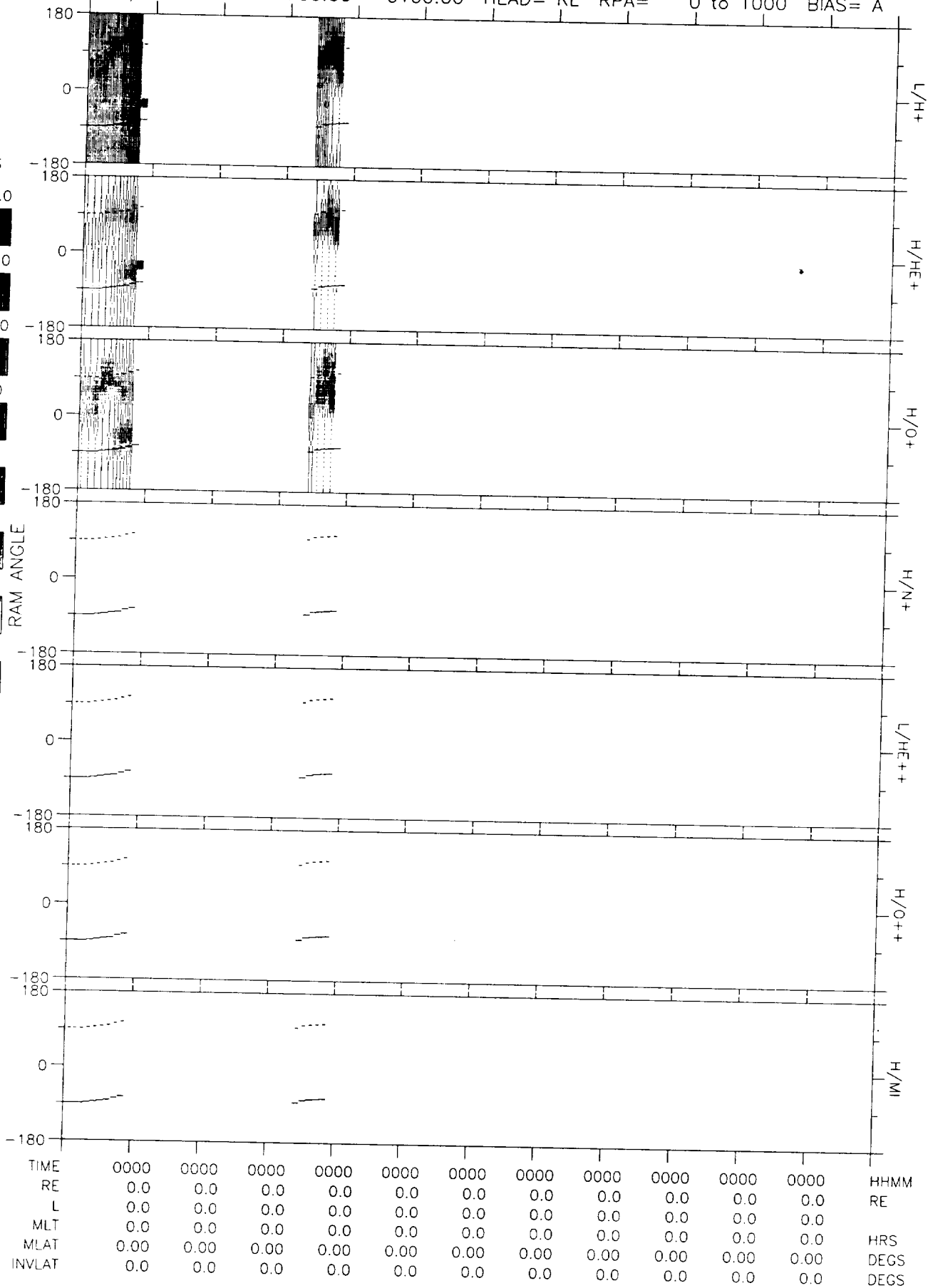
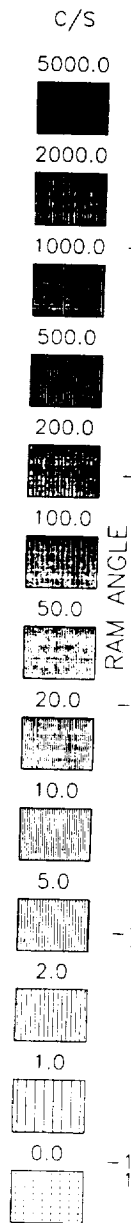
82/342 08-DEC 1000:00 - 1800:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	1240	1320	0000	0000	0000	0000	1640	1720	HHMM
RE	0.0	0.0	0.0	2.8	3.7	0.0	0.0	0.0	0.0	3.9	3.1	RE
L	0.0	0.0	0.0	34.6	100.0	0.0	0.0	0.0	0.0	5.9	3.4	
MLT	0.0	0.0	0.0	16.4	10.1	0.0	0.0	0.0	0.0	6.2	5.9	HRS
MLAT	0.00	0.00	0.00	*****	*****	0.00	0.00	0.00	0.00	*****	*****	DEGS
INVLAT	0.0	0.0	0.0	80.2	84.8	0.0	0.0	0.0	0.0	65.6	57.3	DEGS

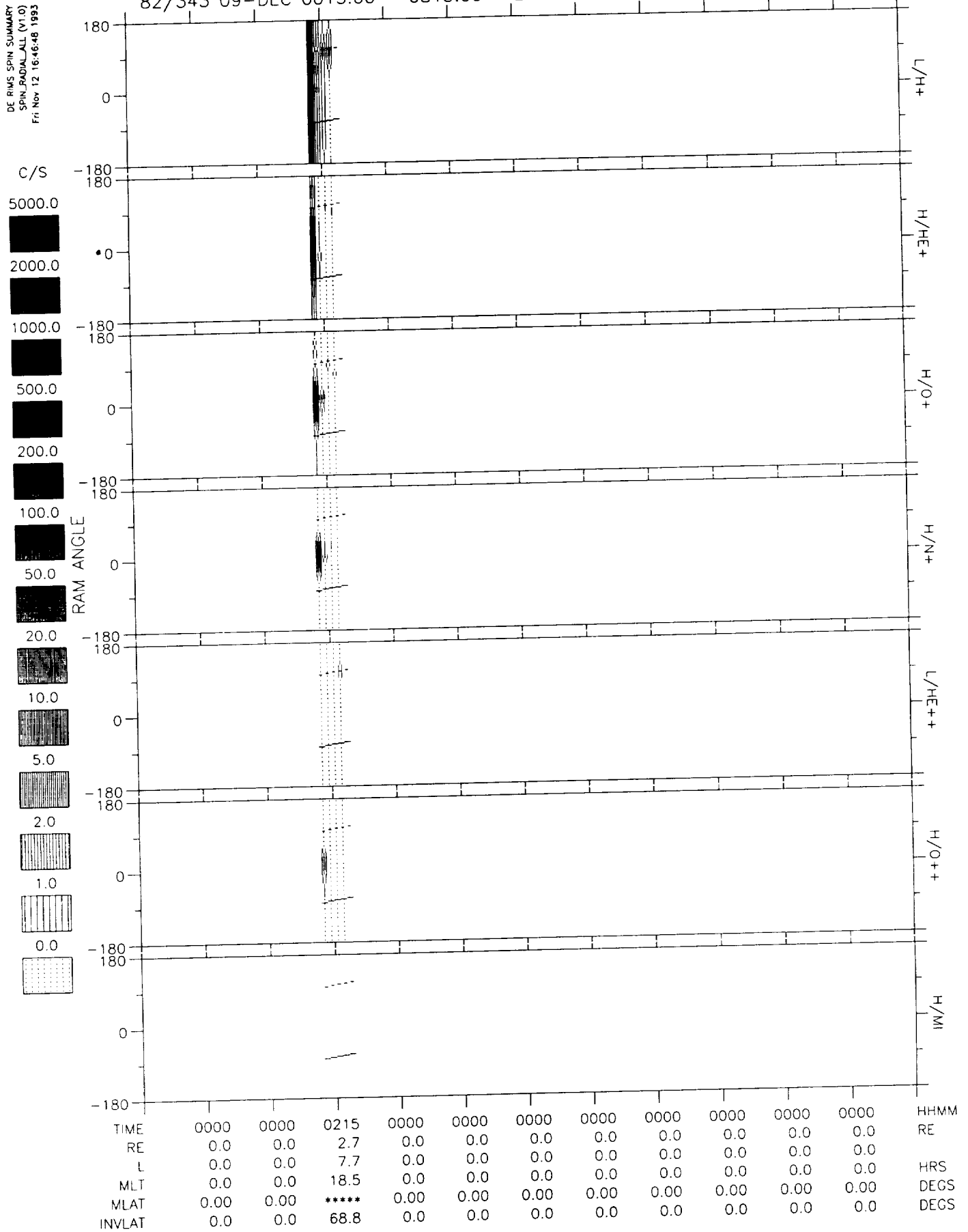
DE RINS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 12 16:45:39 1993

82/342 08-DEC 1700:00 - 0100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



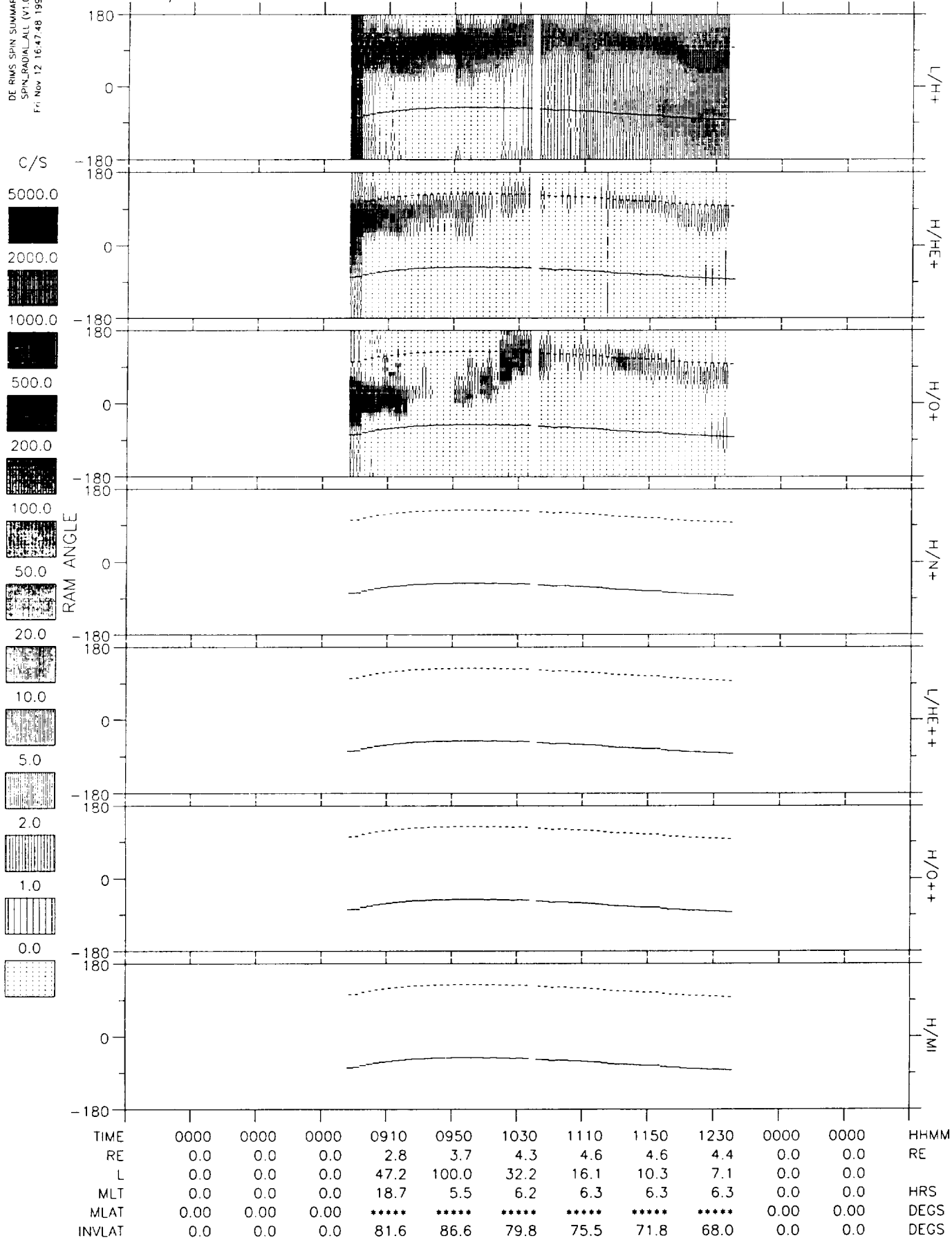
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 12 16:46:48 1993

82/343 09-DEC 0015:00 - 0815:00 HEAD= RL RPA= 0 to 1000 BIAS= A



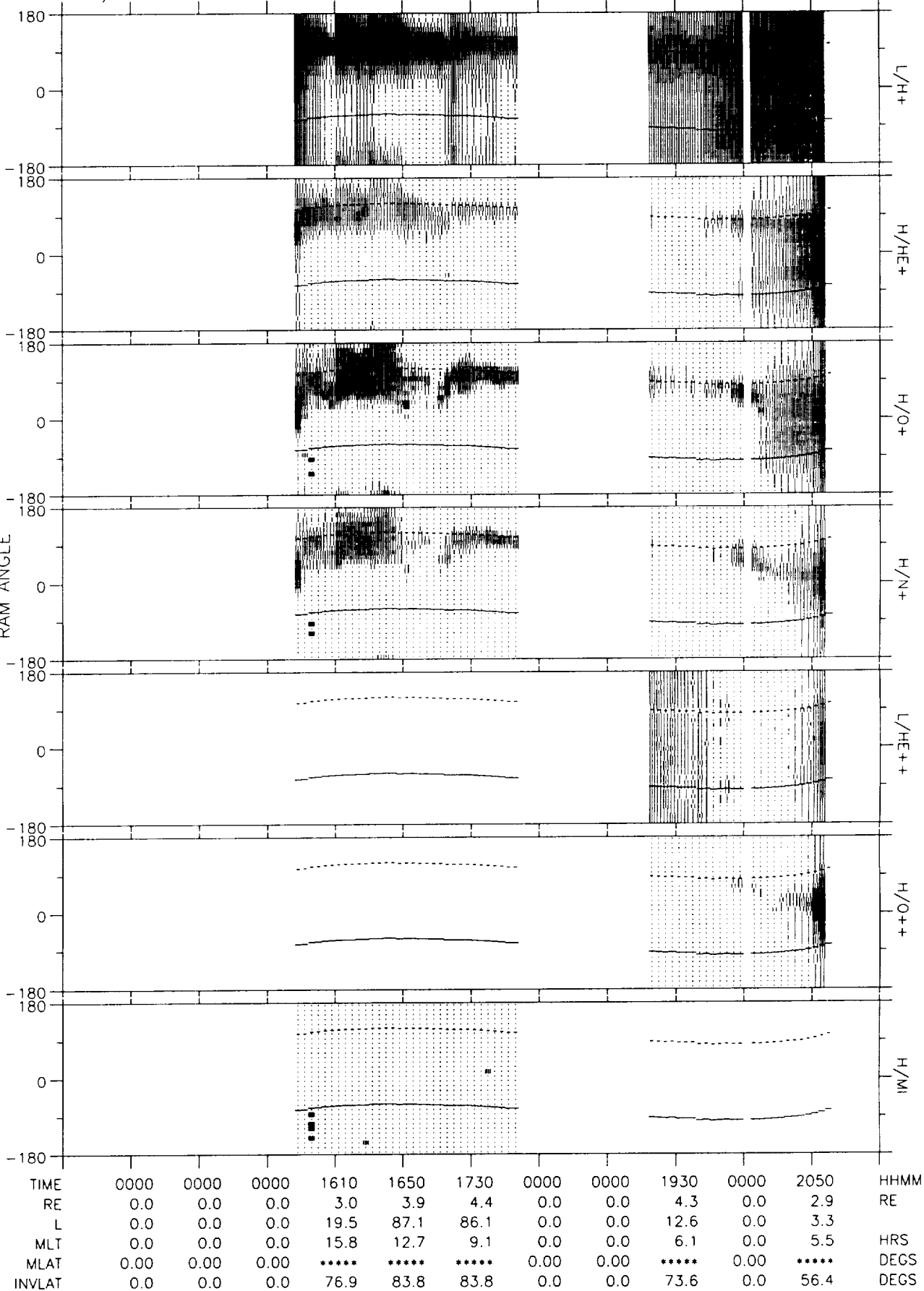
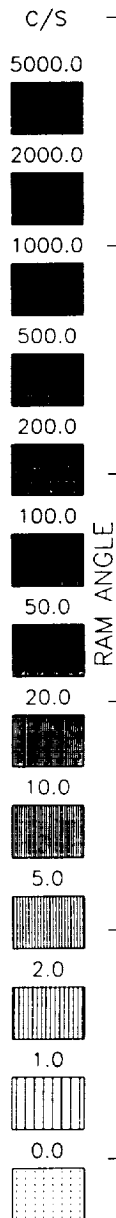
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 12 16:47:48 1993

82/343 09-DEC 0630:00 - 1430:00 HEAD= RL RPA= 0 to 1000 BIAS= A



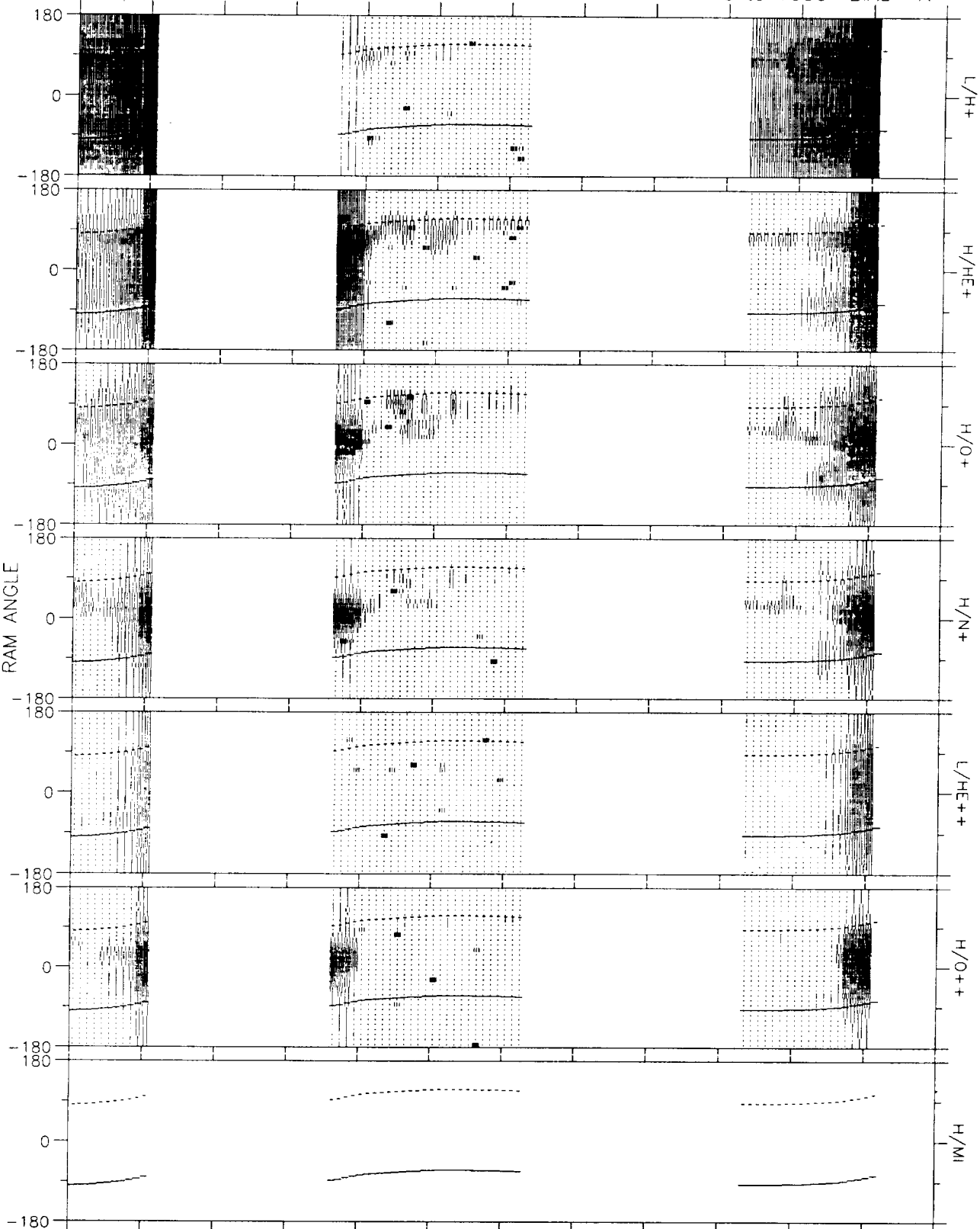
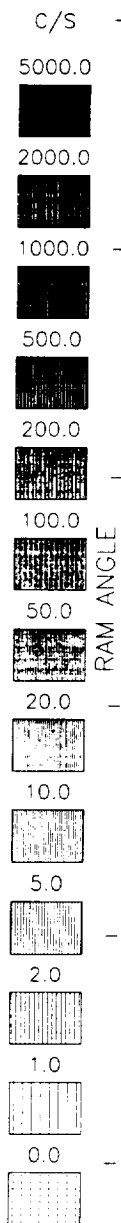
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Fri Nov 12 16:49:19 1993

82/343 09-DEC 1330:00 - 2130:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 12 16:51:15 1993

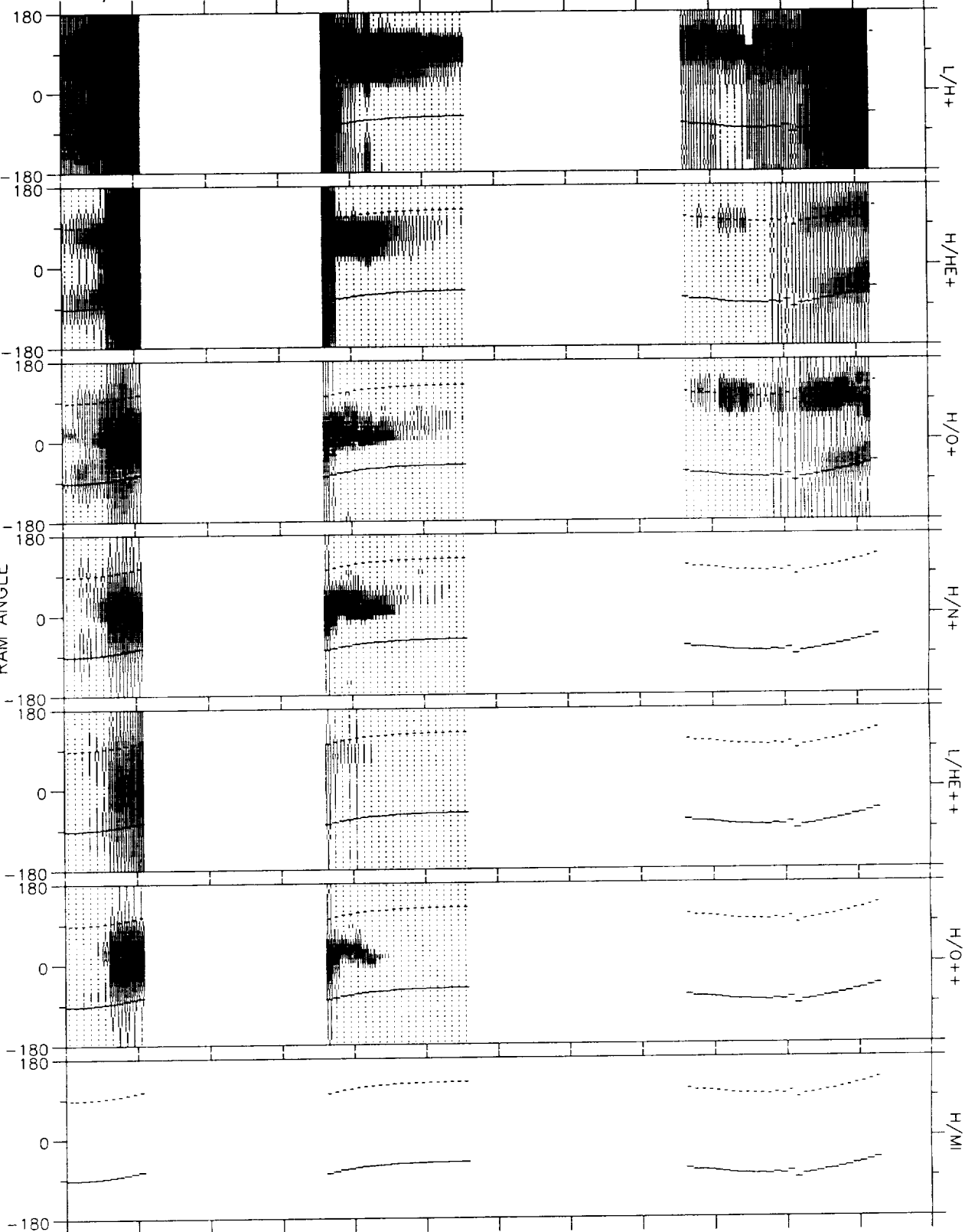
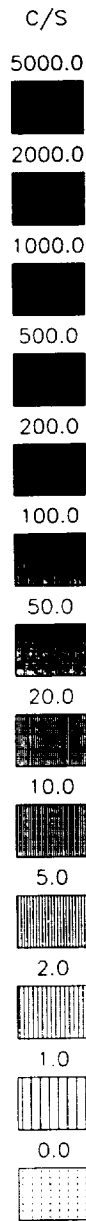
82/343 09-DEC 2015:00 - 0415:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	2055	0000	0000	2255	2335	0015	0000	0000	0000	0255	0335	HHMM
RE	2.8	0.0	0.0	2.9	3.8	4.3	0.0	0.0	0.0	3.9	3.0	RE
L	3.0	0.0	0.0	8.5	54.8	100.0	0.0	0.0	0.0	6.2	3.4	
MLT	5.4	0.0	0.0	17.6	18.6	23.7	0.0	0.0	0.0	4.9	5.3	HRS
MLAT	*****	0.00	0.00	*****	*****	*****	0.00	0.00	0.00	*****	*****	DEGS
INVLAT	54.5	0.0	0.0	69.9	82.2	86.7	0.0	0.0	0.0	66.3	57.2	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 12 16:53:17 1993

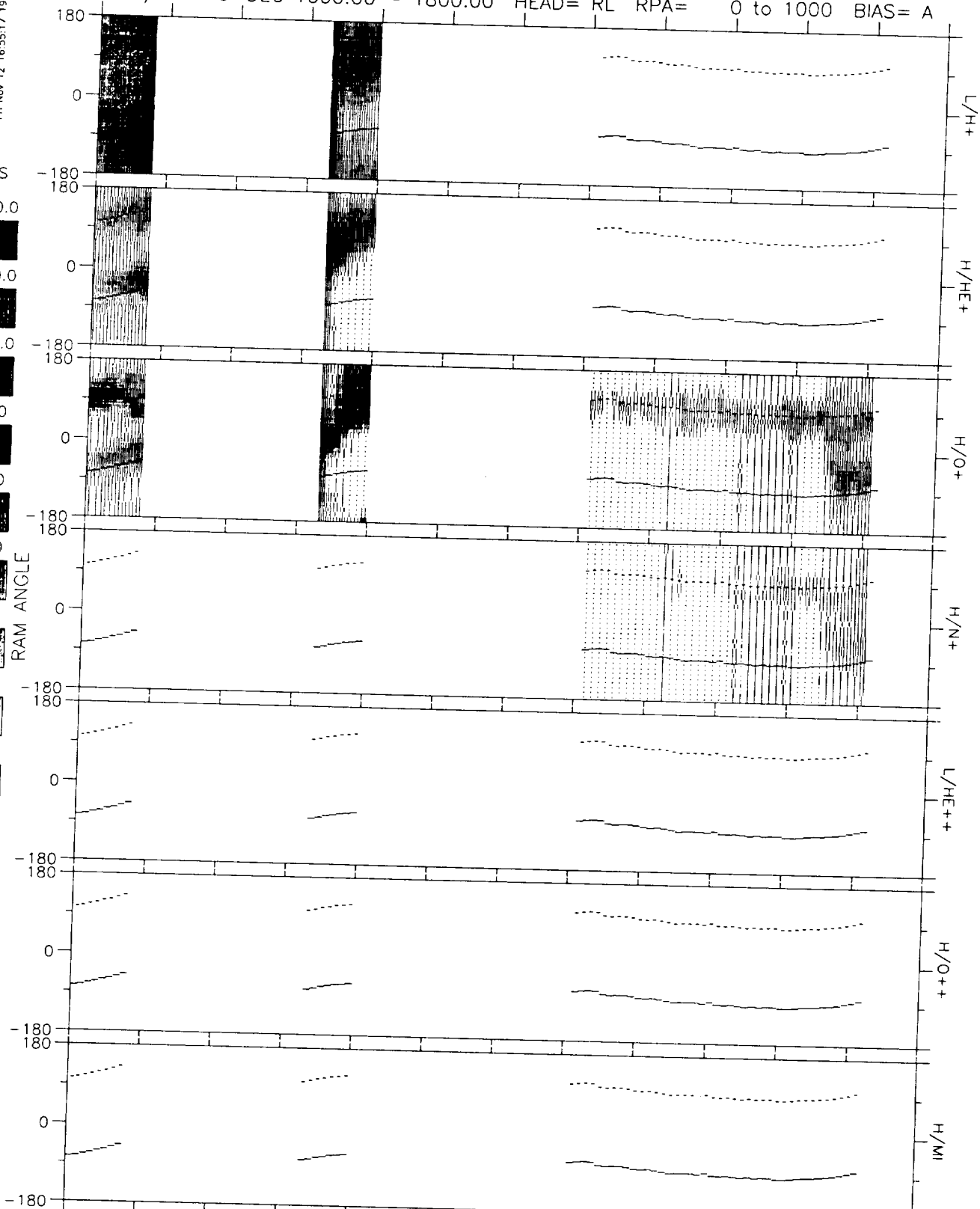
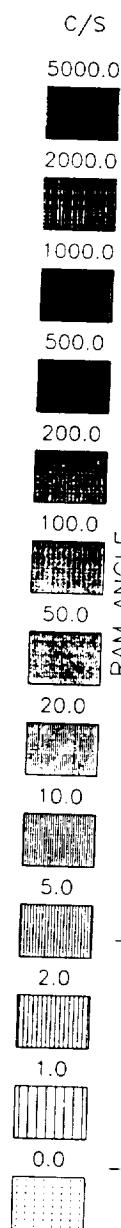
82/344 10-DEC 0300:00 - 1100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0340	0000	0000	0540	0620	0000	0000	0000	0900	0940	1020	HHMM
RE	2.9	0.0	0.0	2.7	3.7	0.0	0.0	0.0	4.4	4.0	3.2	RE
L	3.2	0.0	0.0	16.4	100.0	0.0	0.0	0.0	7.1	4.8	3.3	HRS
MLT	5.4	0.0	0.0	19.3	0.2	0.0	0.0	0.0	5.8	5.9	5.9	DEGS
MLAT	*****	0.00	0.00	*****	*****	0.00	0.00	0.00	*****	*****	-6.73	DEGS
INVLAT	56.0	0.0	0.0	75.7	84.7	0.0	0.0	0.0	67.9	62.9	56.4	

DE RIMS SPIN SUMMARY
SPIN-RADIAL (V1.0)
Fri Nov 12 16:55:17 1993

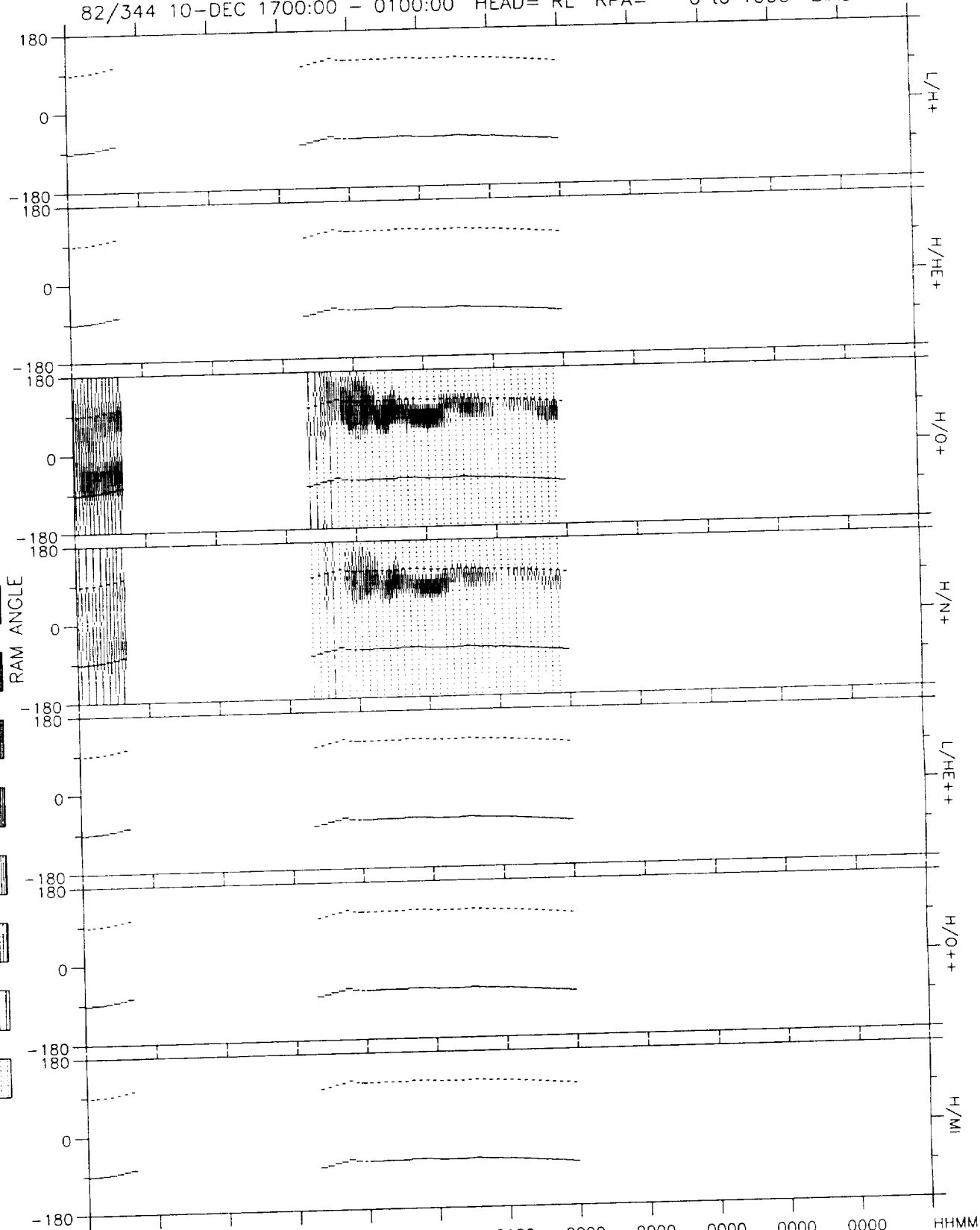
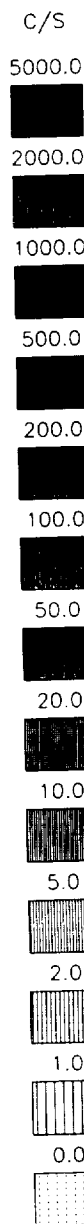
82/344 10-DEC 1000:00 - 1800:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0000	0000	0000	0000	0000	1520	1600	1640	1720	HHMM
RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	4.4	3.8	2.9	RE
L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	8.8	5.6	3.2	
MLT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	6.4	6.1	5.7	HRS
MLAT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****	****	****	****	DEGS
INVLAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.0	70.3	65.0	55.9	DEGS

DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Fri Nov 12 16:56:41 1993

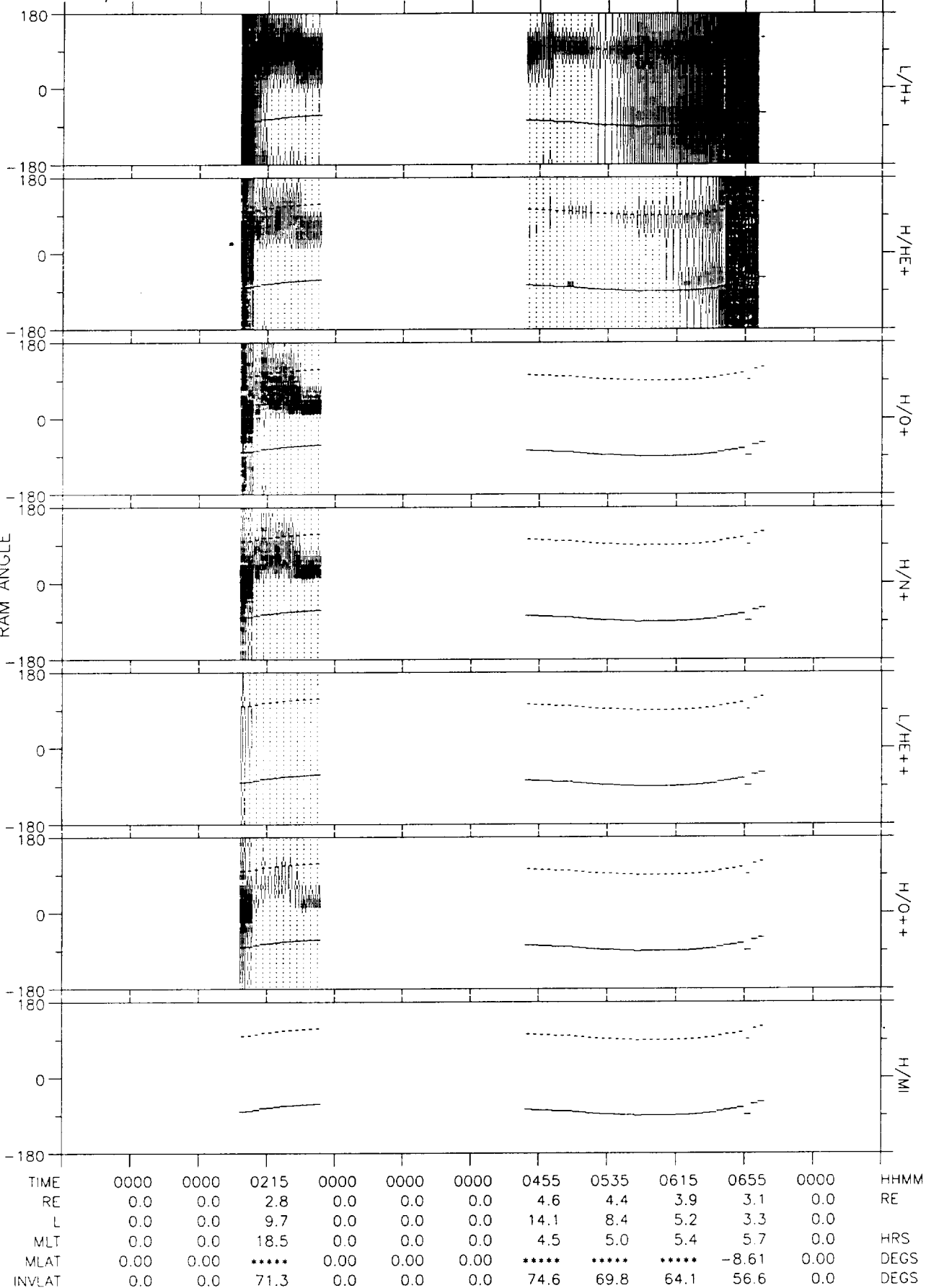
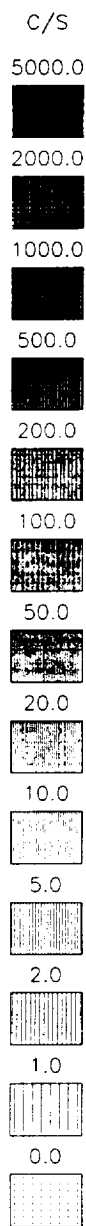
82/344 10-DEC 1700:00 - 0100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	1940	2020	2100	0000	0000	0000	0000	0000	HHMM
RE	0.0	0.0	0.0	3.2	4.0	4.5	0.0	0.0	0.0	0.0	0.0	RE
L	0.0	0.0	0.0	15.9	100.0	100.0	0.0	0.0	0.0	0.0	0.0	HRS
MLT	0.0	0.0	0.0	16.5	15.5	8.3	0.0	0.0	0.0	0.0	0.0	DEGS
MLAT	0.00	0.00	0.00	*****	*****	*****	0.00	0.00	0.00	0.00	0.00	DEGS
INVLAT	0.0	0.0	0.0	75.5	84.6	88.4	0.0	0.0	0.0	0.0	0.0	

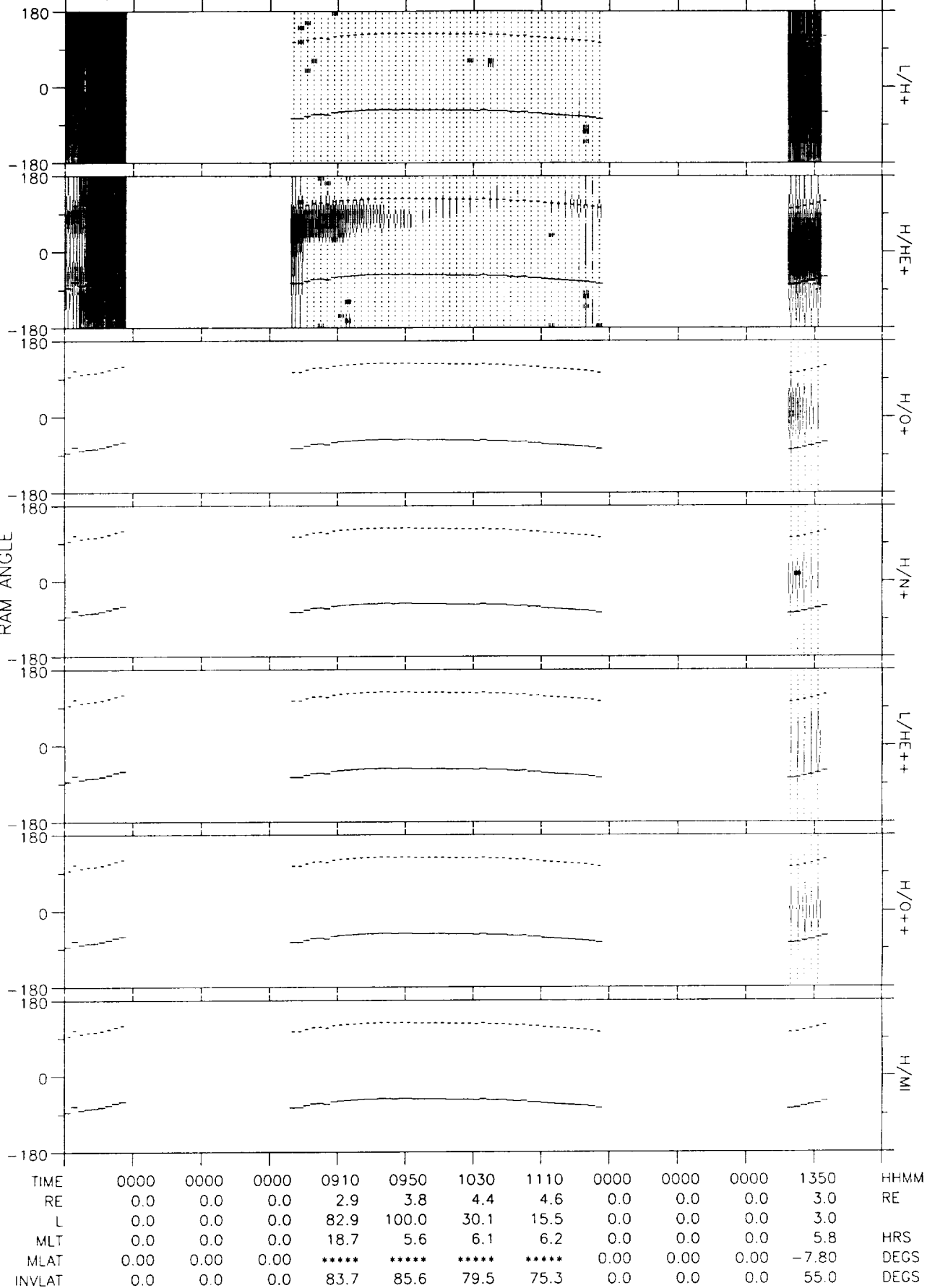
DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Fri Nov 12 17:13:26 1993

82/345 11-DEC 0015:00 - 0815:00 HEAD= RL RPA= 0 to 1000 BIAS= A



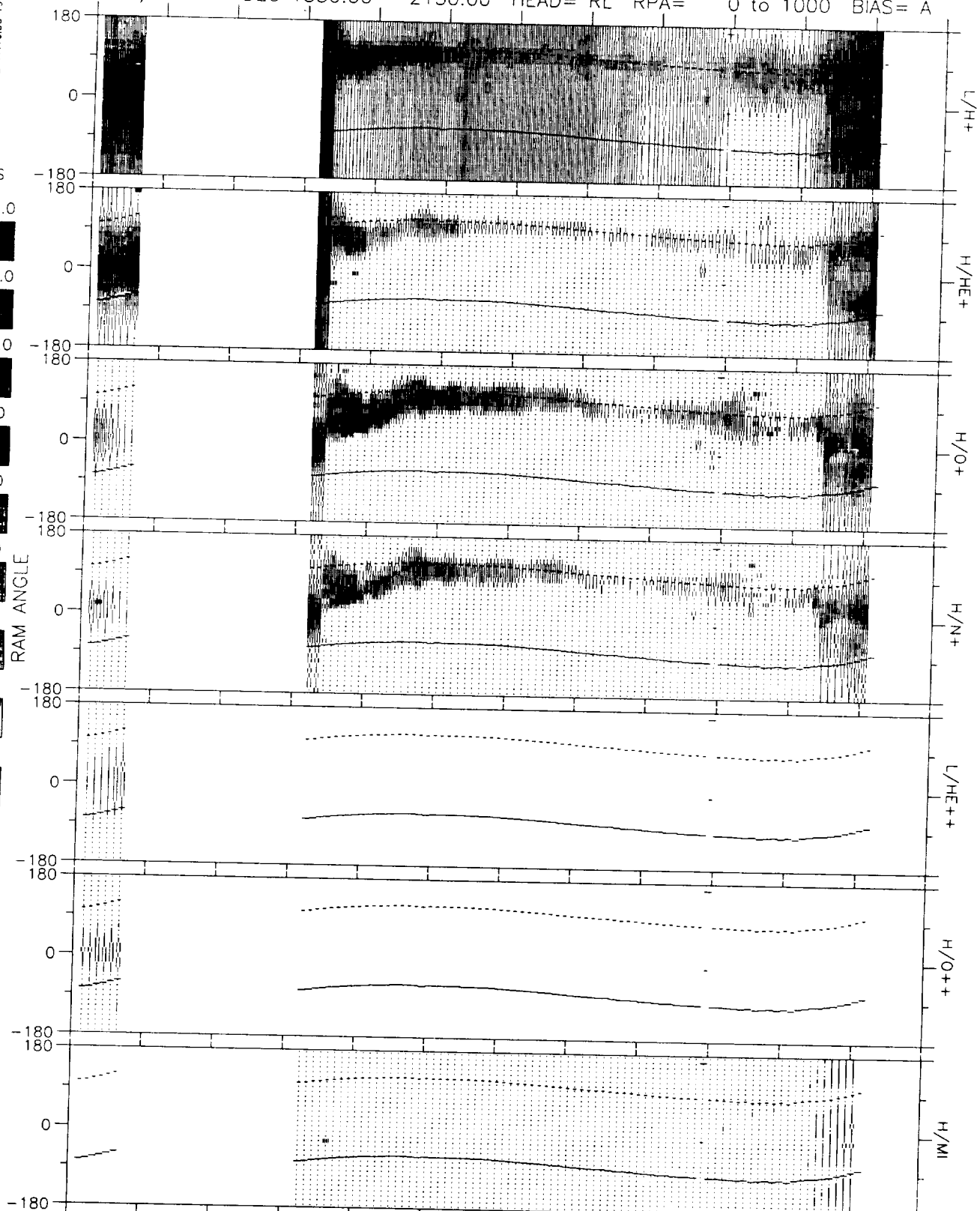
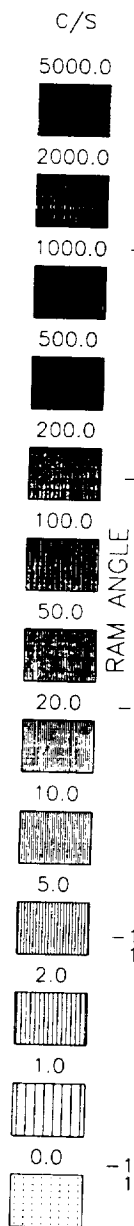
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 12 17:15:02 1993

82/345 11-DEC 0630:00 - 1430:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Fri Nov 12 17:16:36 1993

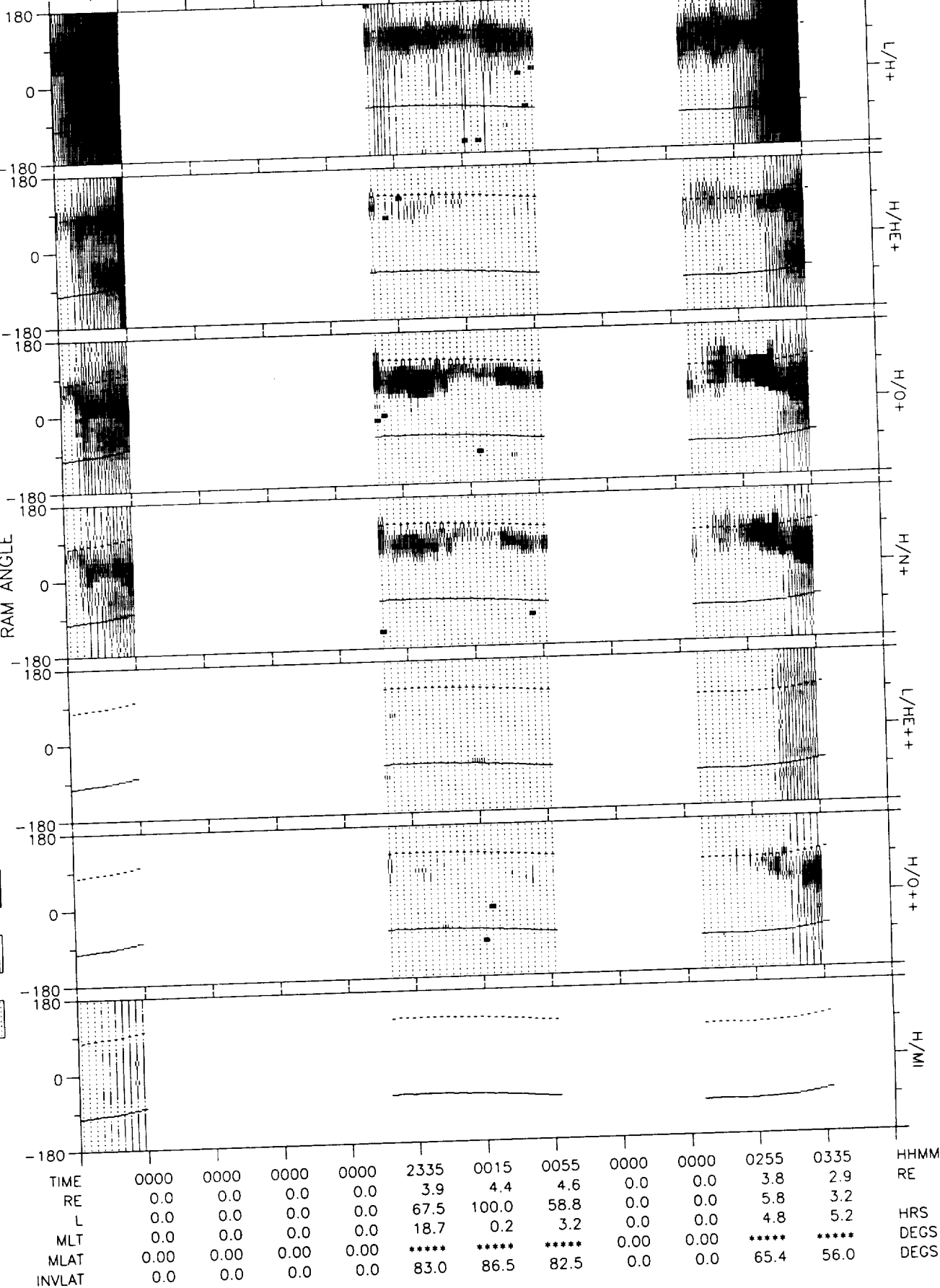
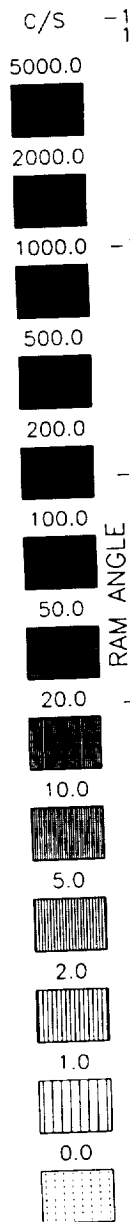
82/345 11-DEC 1330:00 - 2130:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	1610	1650	1730	1810	1850	1930	2010	2050	HHMM
RE	0.0	0.0	0.0	3.2	4.0	4.4	4.6	4.6	4.3	3.7	2.7	RE
L	0.0	0.0	0.0	23.5	94.6	85.1	42.4	22.2	12.0	6.2	3.0	
MLT	0.0	0.0	0.0	15.5	12.3	8.8	7.2	6.4	5.9	5.5	5.3	HRS
MLAT	0.00	0.00	0.00	*****	*****	*****	*****	*****	*****	*****	*****	DEGS
INVLAT	0.0	0.0	0.0	78.1	84.1	83.8	81.2	77.7	73.2	66.4	54.5	DEGS

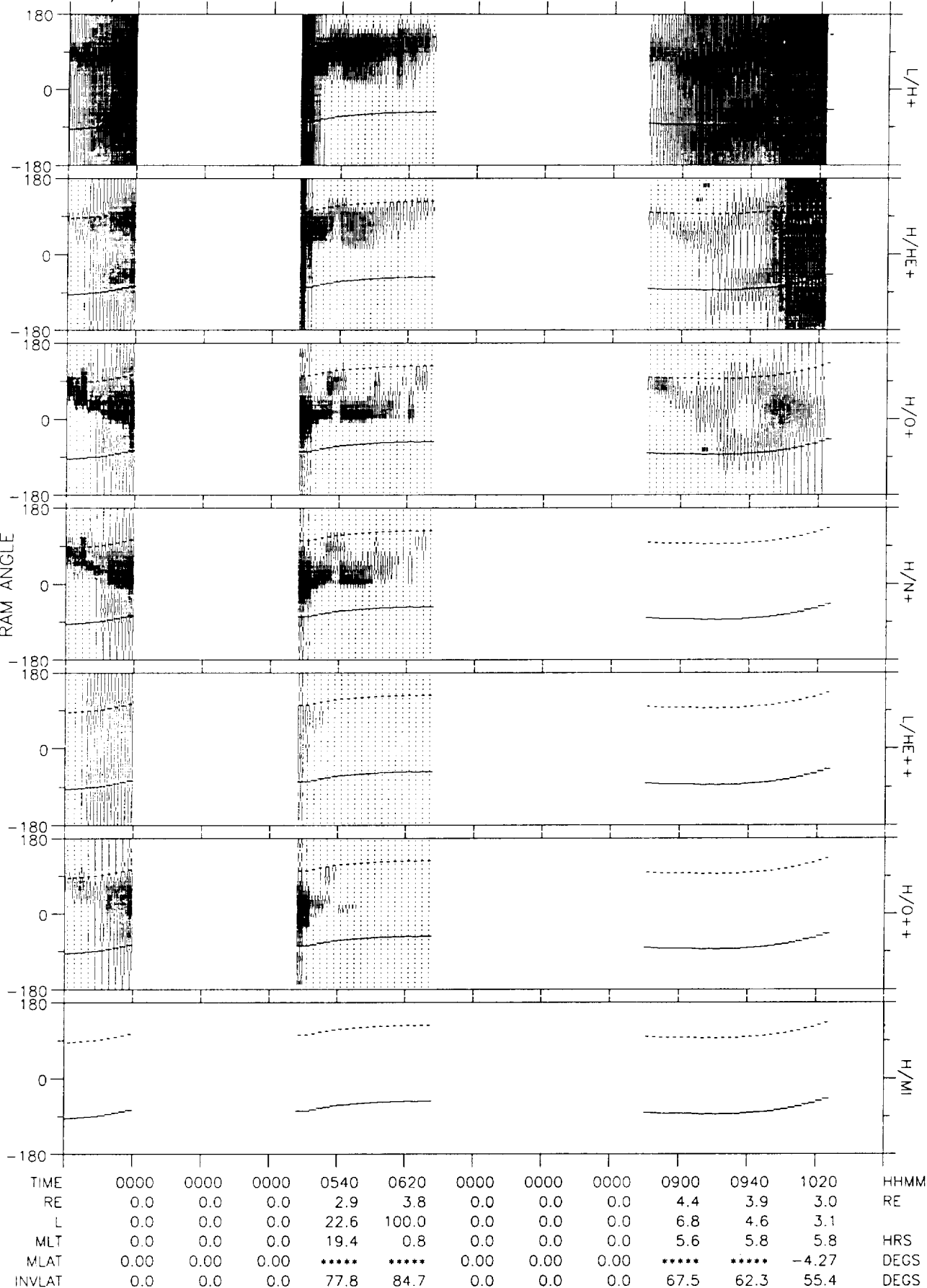
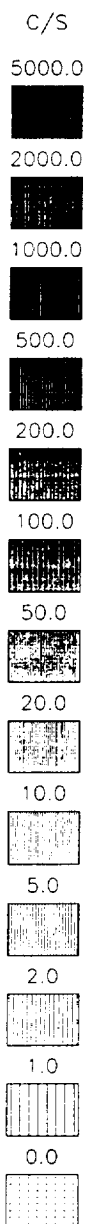
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 12 17:18:53 1993

82/345 11-DEC 2015:00 - 0415:00 HEAD= RL RPA= 0 to 1000 BIAS= A



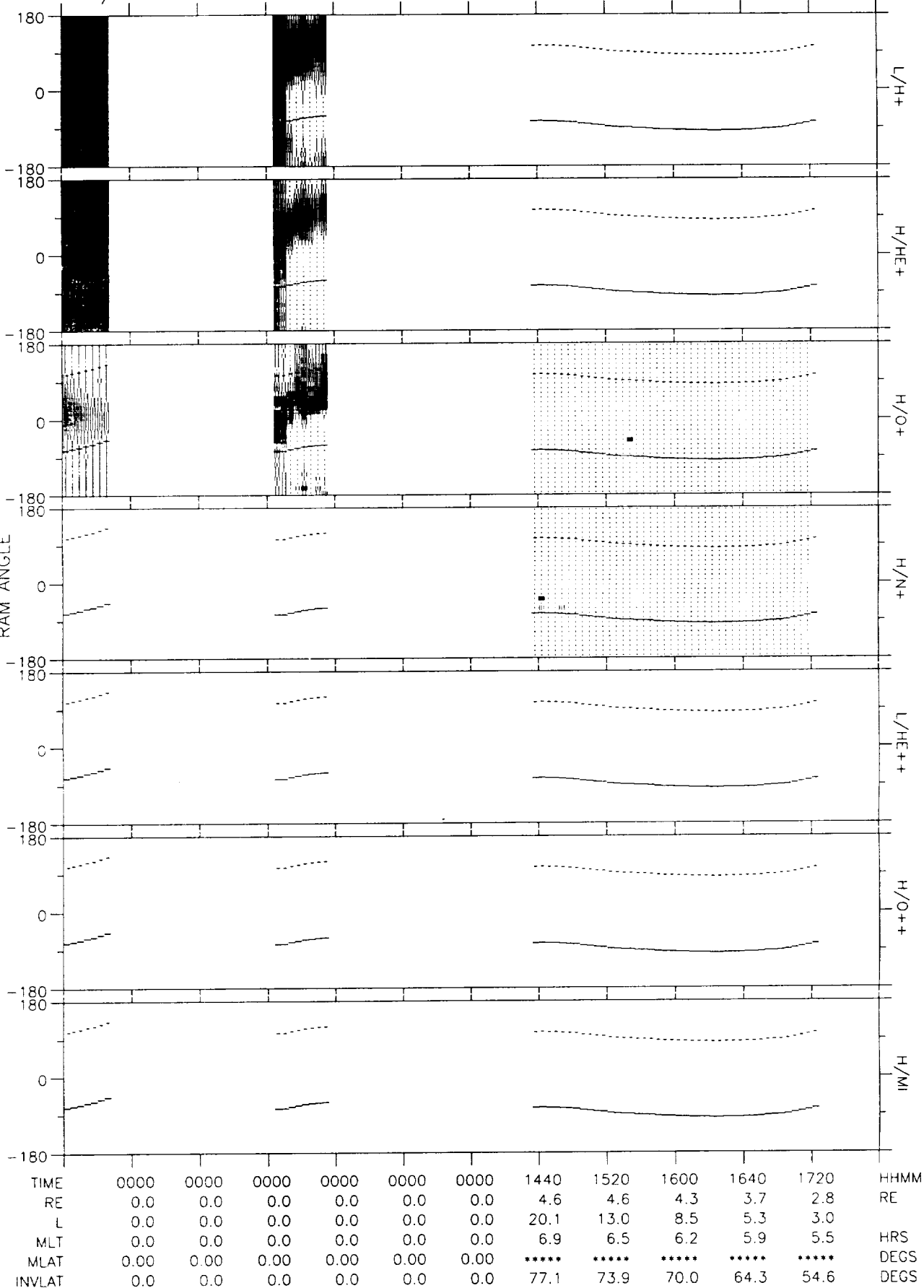
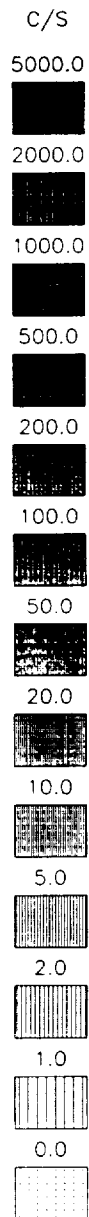
DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Fri Nov 12 17:20:46 1993

82/346 12-DEC 0300:00 - 1100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



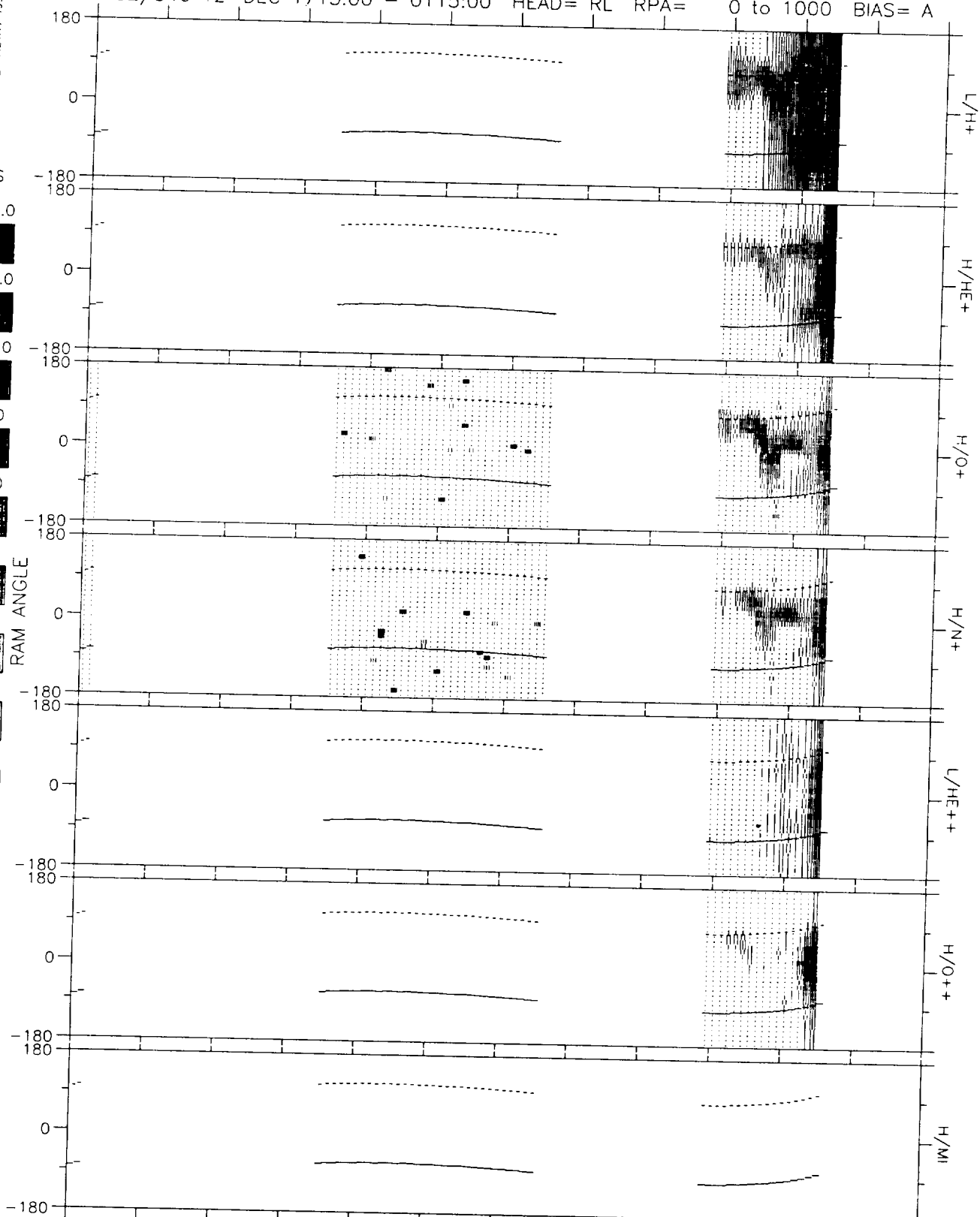
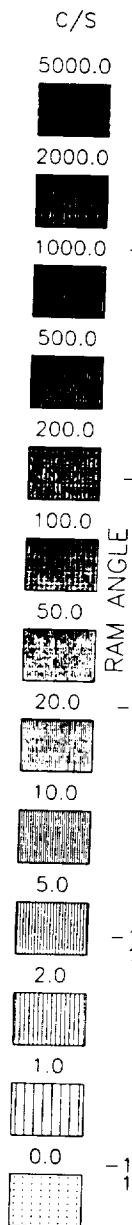
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Fri Nov 12 17:22:49 1993

82/346 12-DEC 1000:00 - 1800:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 12 17:24:17 1993

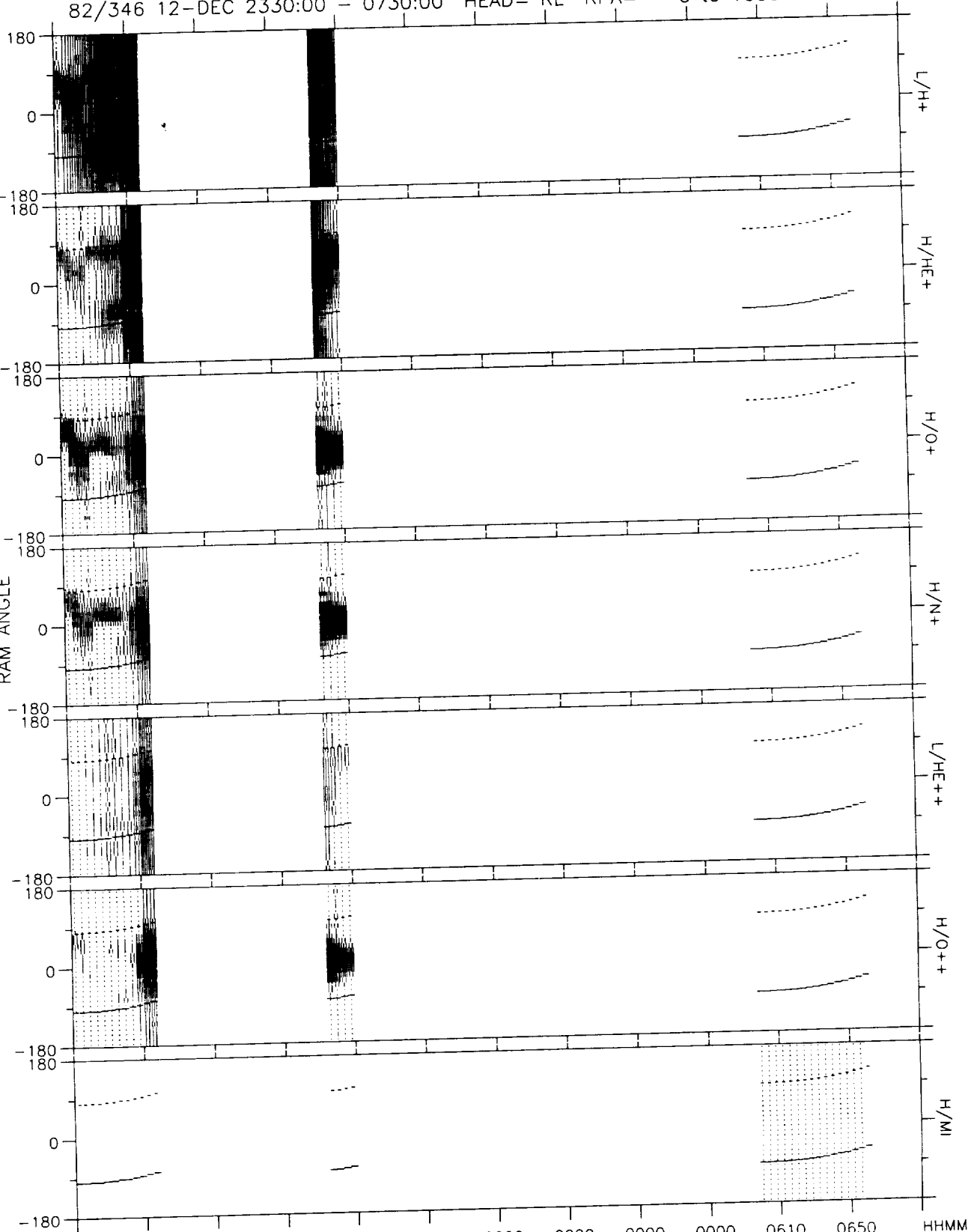
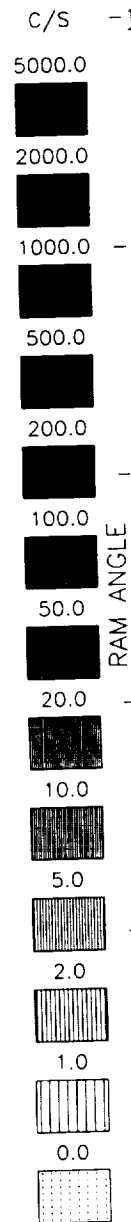
82/346 12-DEC 1715:00 - 0115:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	1955	2035	2115	0000	0000	2315	2355	0000	HHMM
RE	0.0	0.0	0.0	3.7	4.3	4.6	0.0	0.0	4.0	3.2	0.0	RE
L	0.0	0.0	0.0	36.8	100.0	100.0	0.0	0.0	8.7	4.1	0.0	
MLT	0.0	0.0	0.0	16.0	14.1	5.9	0.0	0.0	4.8	4.9	0.0	HRS
MLAT	0.00	0.00	0.00	*****	*****	*****	0.00	0.00	*****	*****	0.00	DEGS
INVLAT	0.0	0.0	0.0	80.5	87.5	86.6	0.0	0.0	70.2	60.5	0.0	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 12 17:25:48 1993

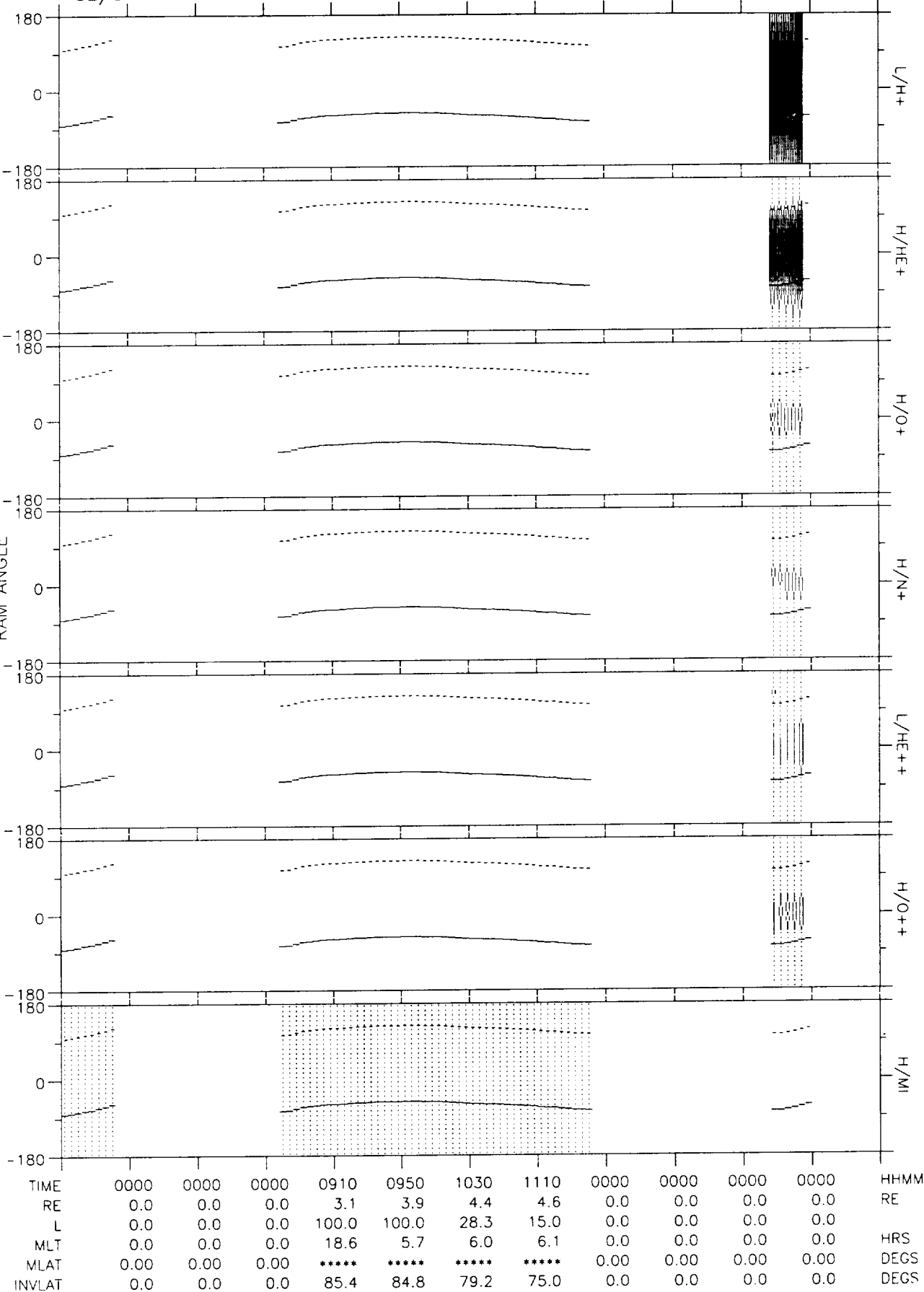
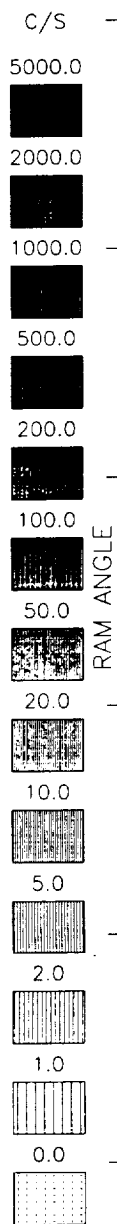
82/346 12-DEC 2330:00 - 0730:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0010	0000	0000	0000	0000	0000	0000	0000	0000	0000	0610	0650	HHMM
RE	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	3.1	RE
L	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	3.3	HRS
MLT	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.5	DEGS
MLAT	*****	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*****	-8.91	DEGS
INVLAT	55.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.2	56.5	

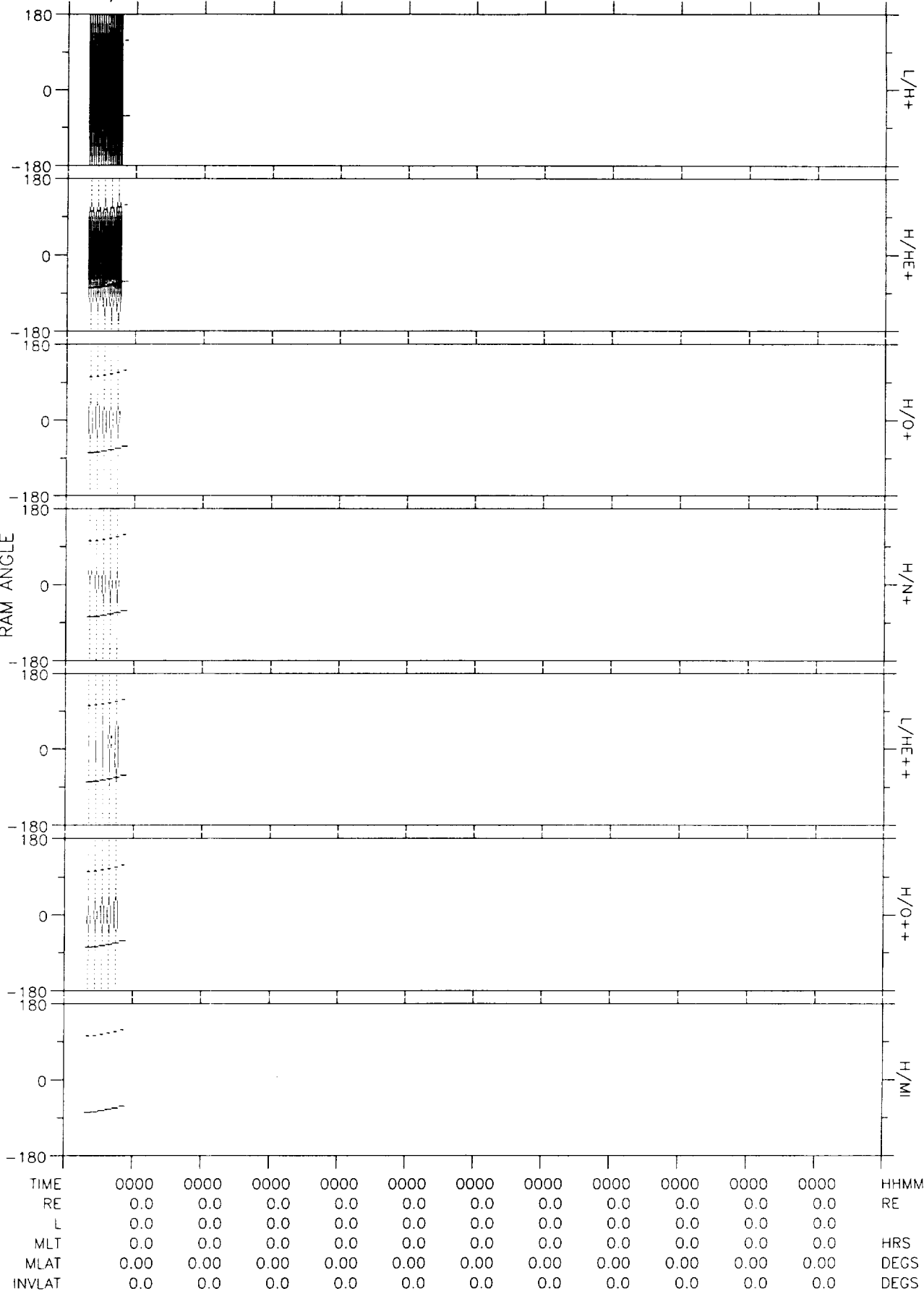
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 12 17:27:13 1993

82/347 13-DEC 0630:00 - 1430:00 HEAD= RL RPA= 0 to 1000 BIAS= A



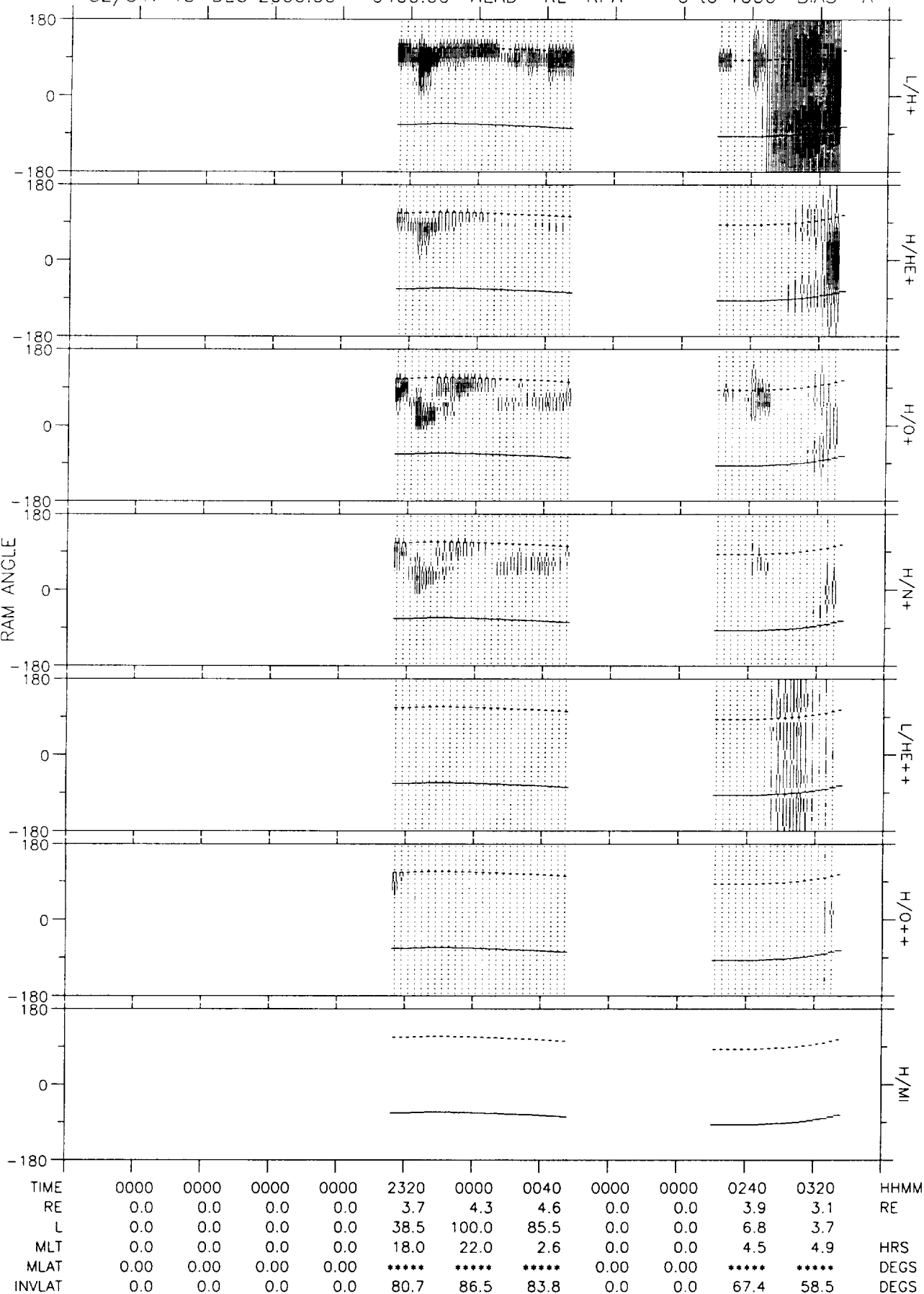
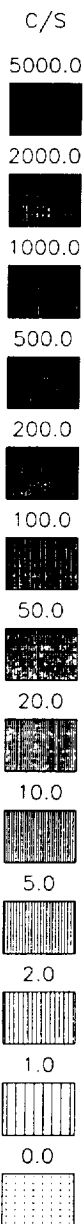
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Fri Nov 12 17:28:23 1993

82/347 13-DEC 1315:00 - 2115:00 HEAD= RL RPA= 0 to 1000 BIAS= A



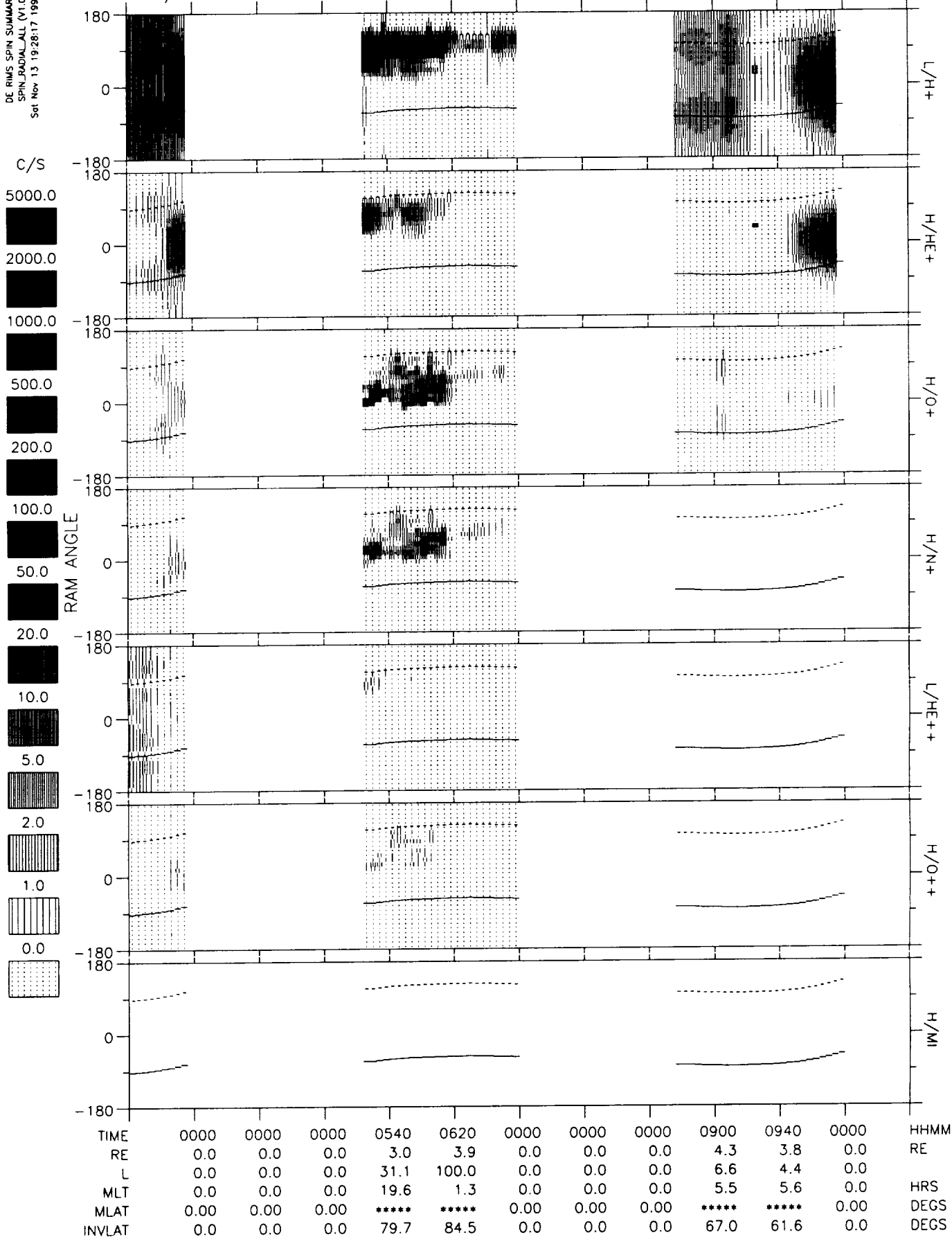
DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Sat Nov 13 02:26:16 1993

82/347 13-DEC 2000:00 - 0400:00 HEAD= RL RPA= 0 to 1000 BIAS= A



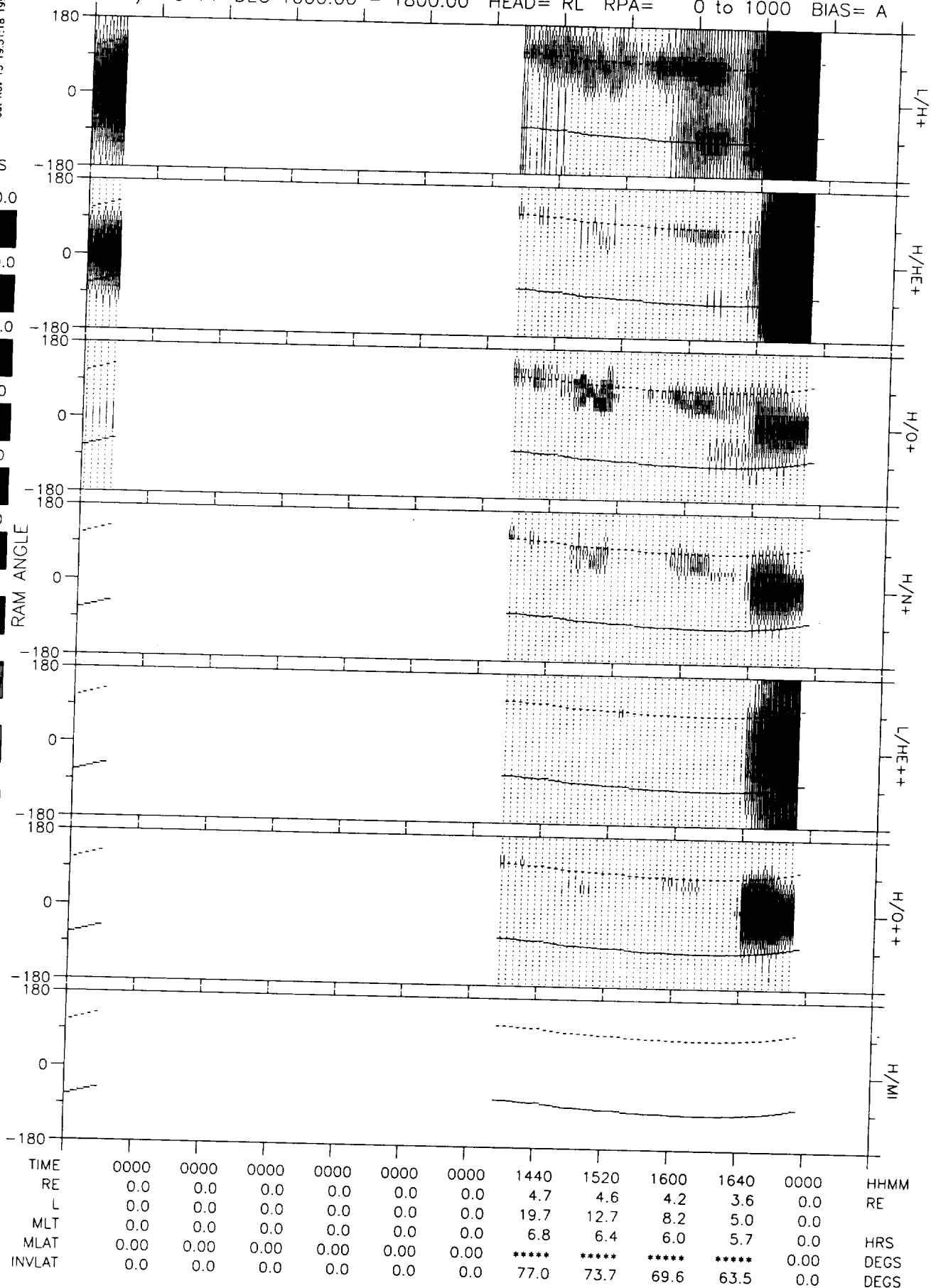
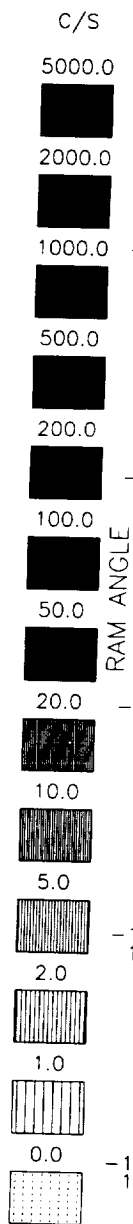
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Sat Nov 13 19:28:17 1993

82/348 14-DEC 0300:00 - 1100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



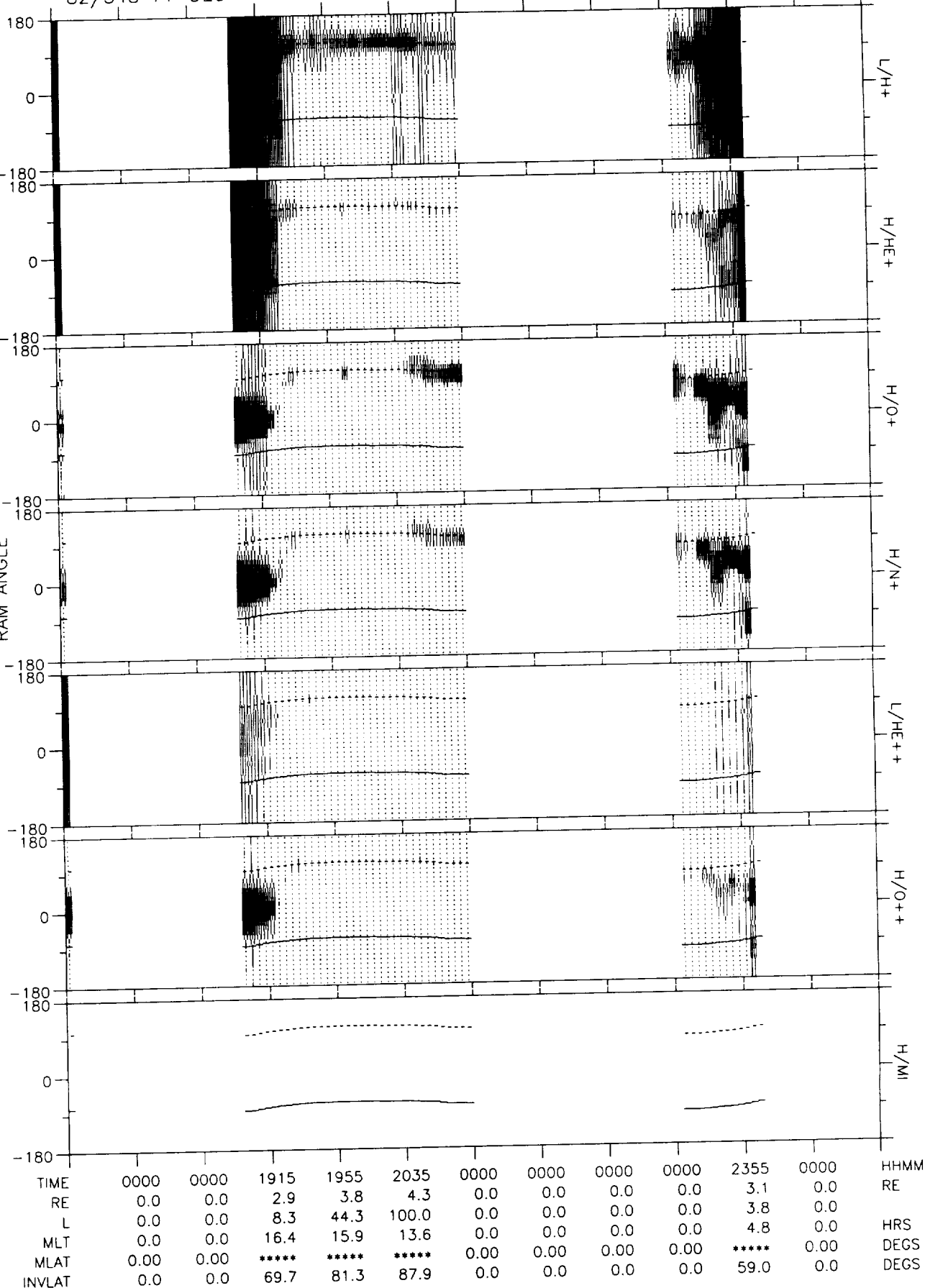
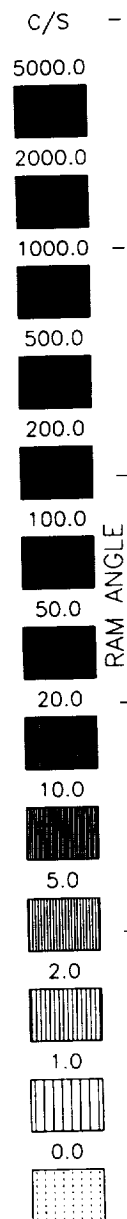
DE RIMS SPIN SUMMARY
SPIN_RADIAL.ALL (V1.0)
Sat Nov 13 19:31:18 1993

82/348 14-DEC 1000:00 - 1800:00 HEAD= RL RPA= 0 to 1000 BIAS= A



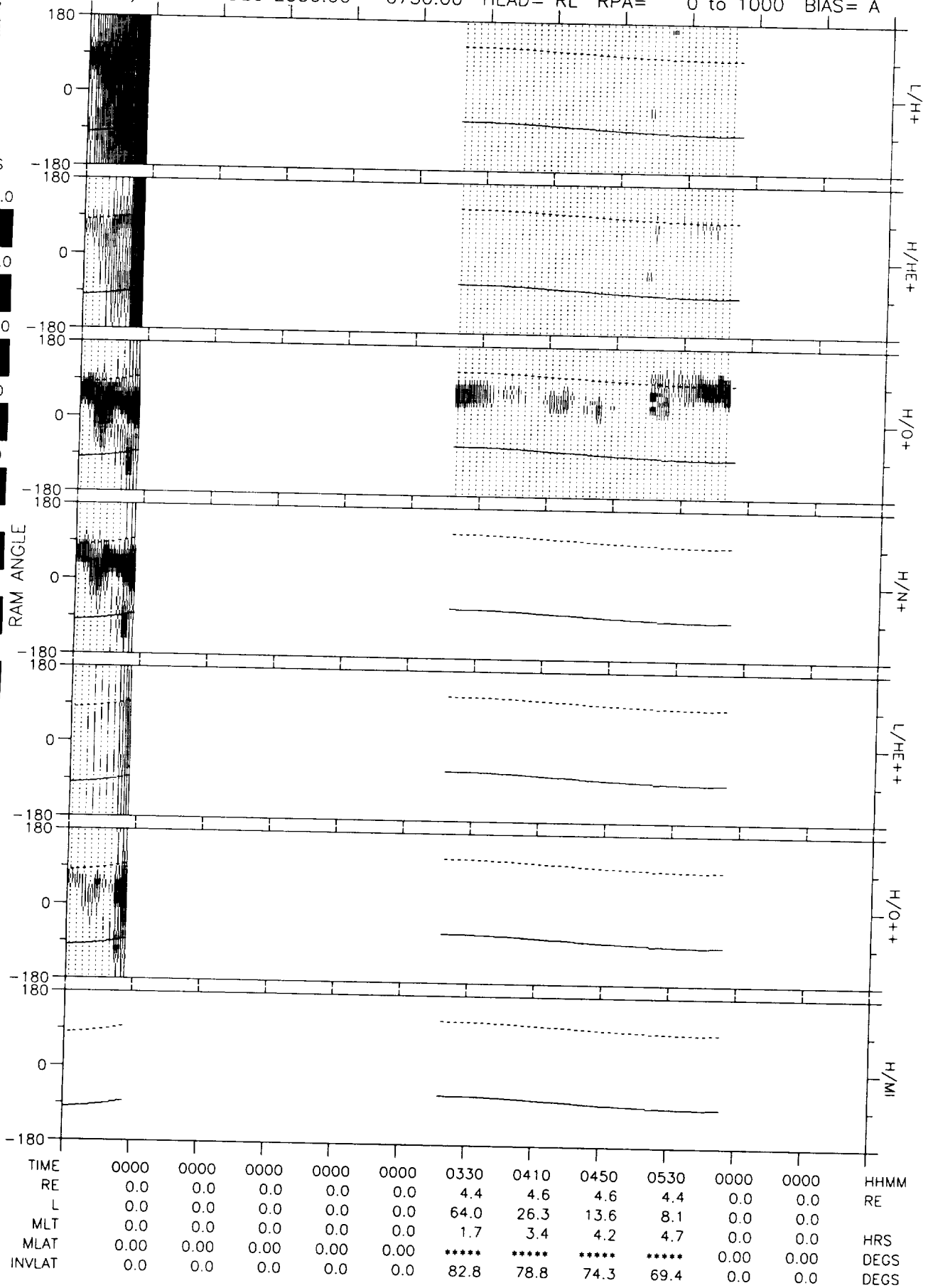
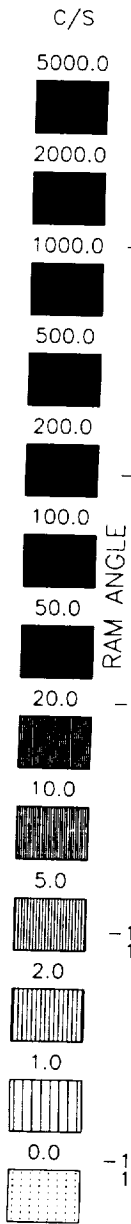
DE RIMS SPIN SUMMARY
SPINRADIAL.ALL (V1.0)
Sat Nov 13 19:33:43 1993

82/348 14-DEC 1715:00 - 0115:00 HEAD= RL RPA= 0 to 1000 BIAS= A



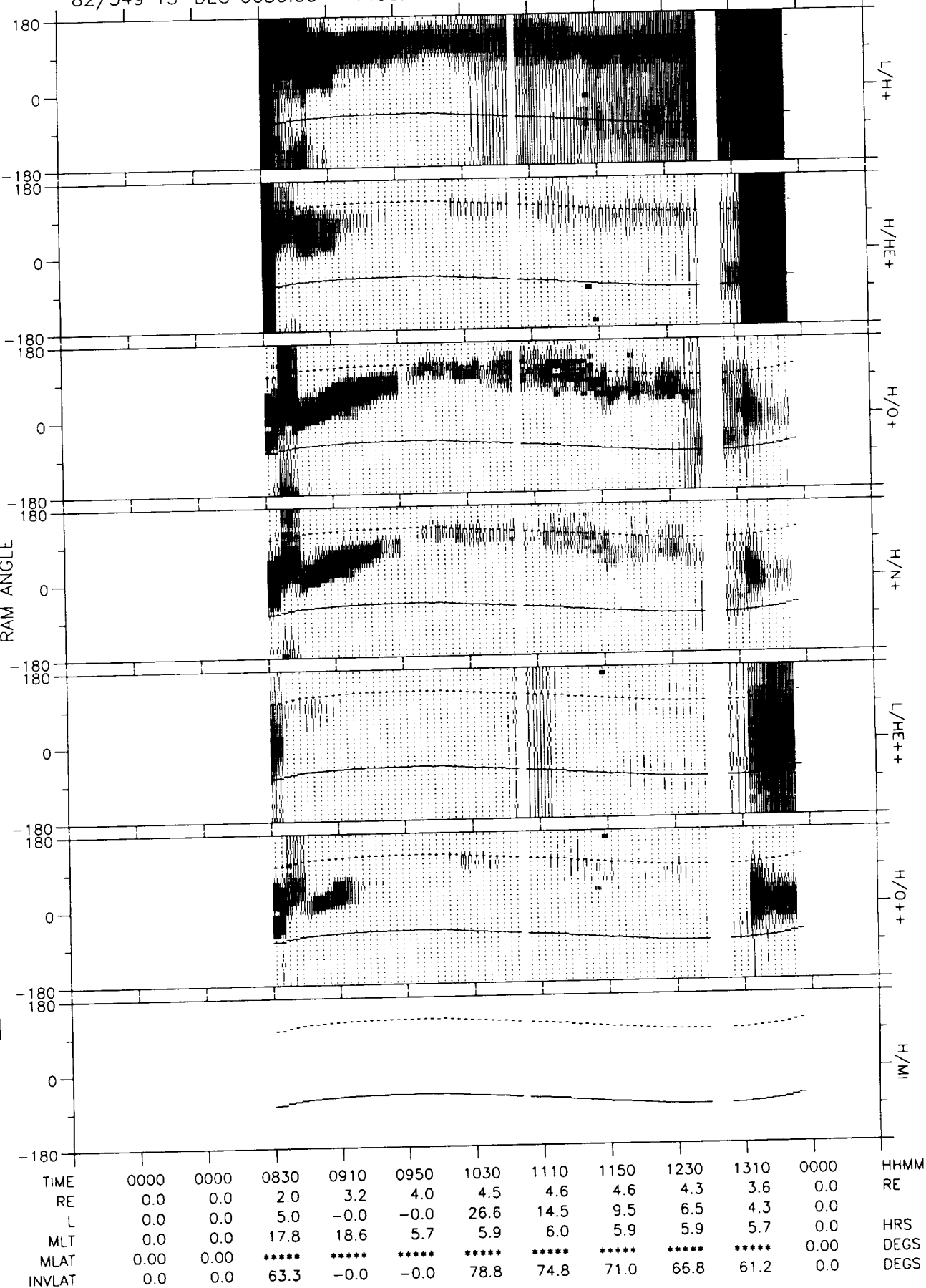
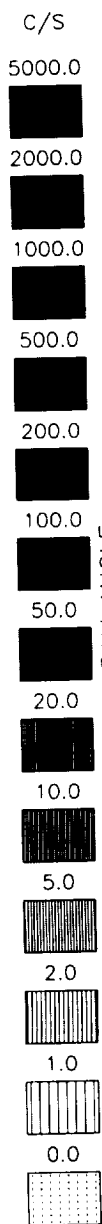
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Sat Nov 13 19:35:35 1993

82/348 14-DEC 2330:00 - 0730:00 HEAD= RL RPA= 0 to 1000 BIAS= A



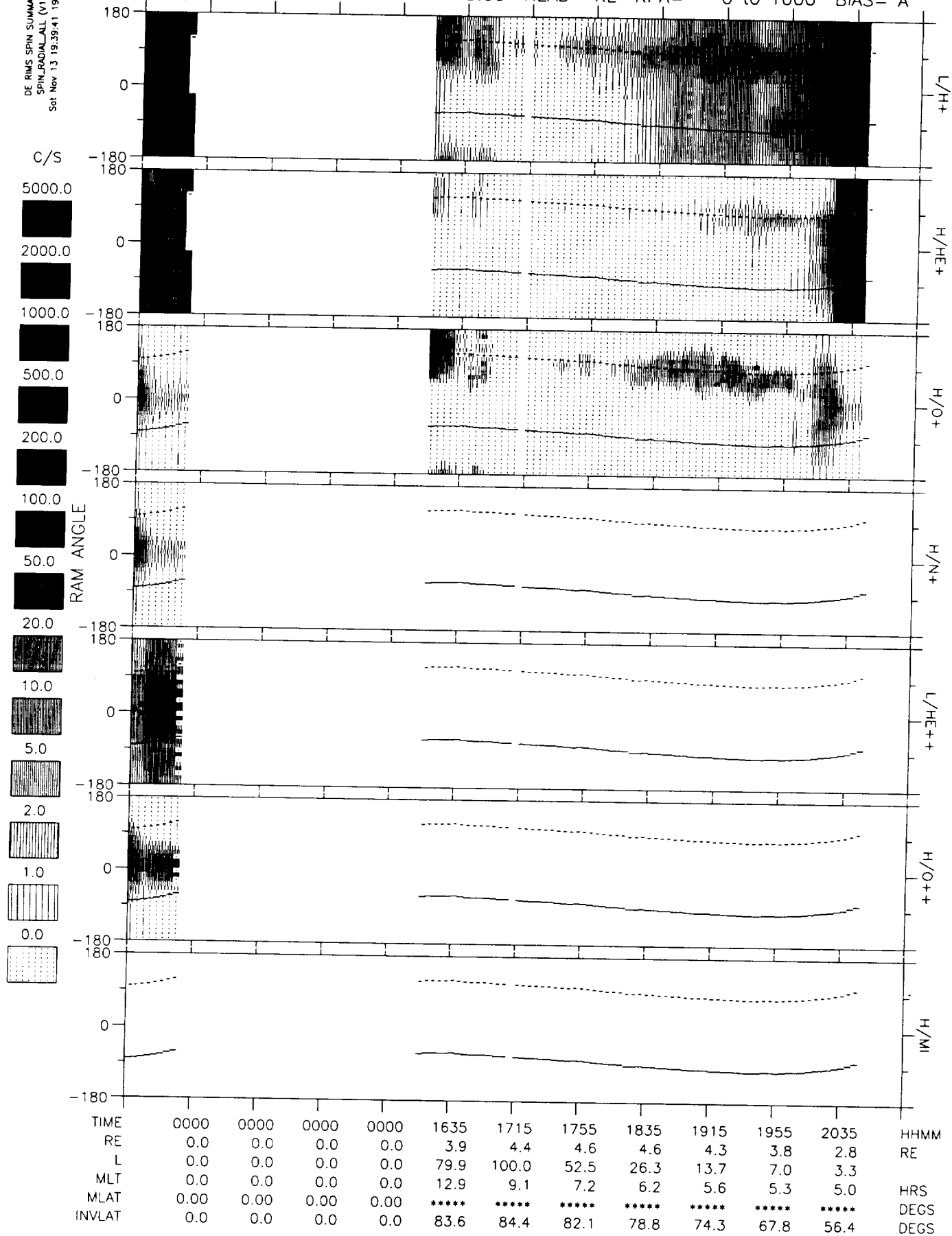
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Sat Nov 13 19:37:06 1993

82/349 15-DEC 0630:00 - 1430:00 HEAD= RL RPA= 0 to 1000 BIAS= A



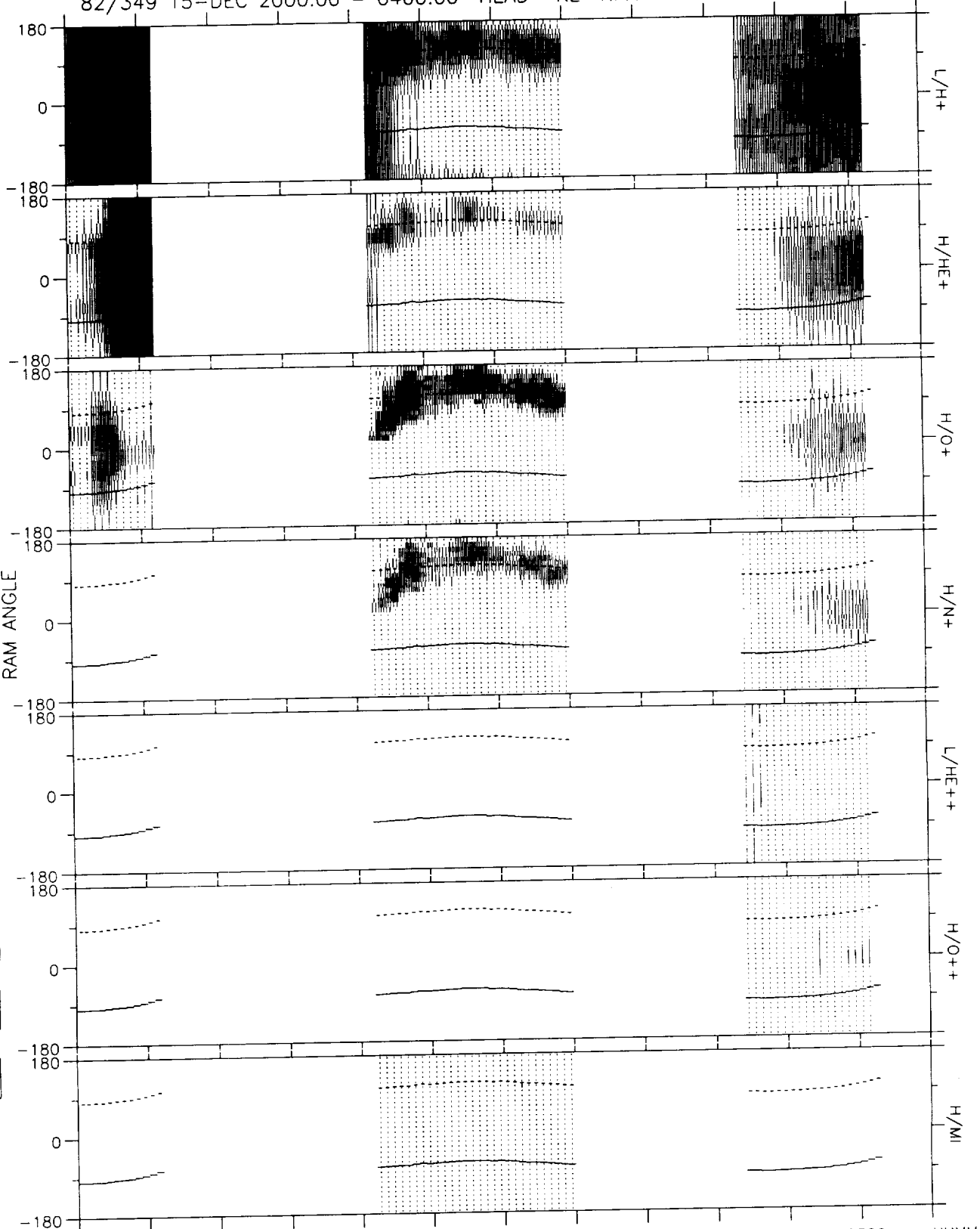
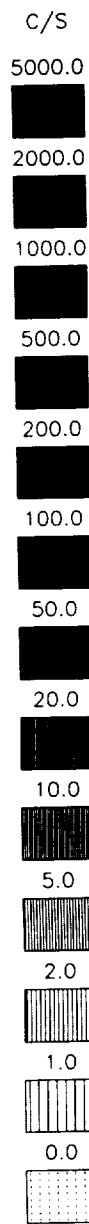
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Sat Nov 13 19:39:41 1993

82/349 15-DEC 1315:00 - 2115:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Sat Nov 13 19:41:46 1993

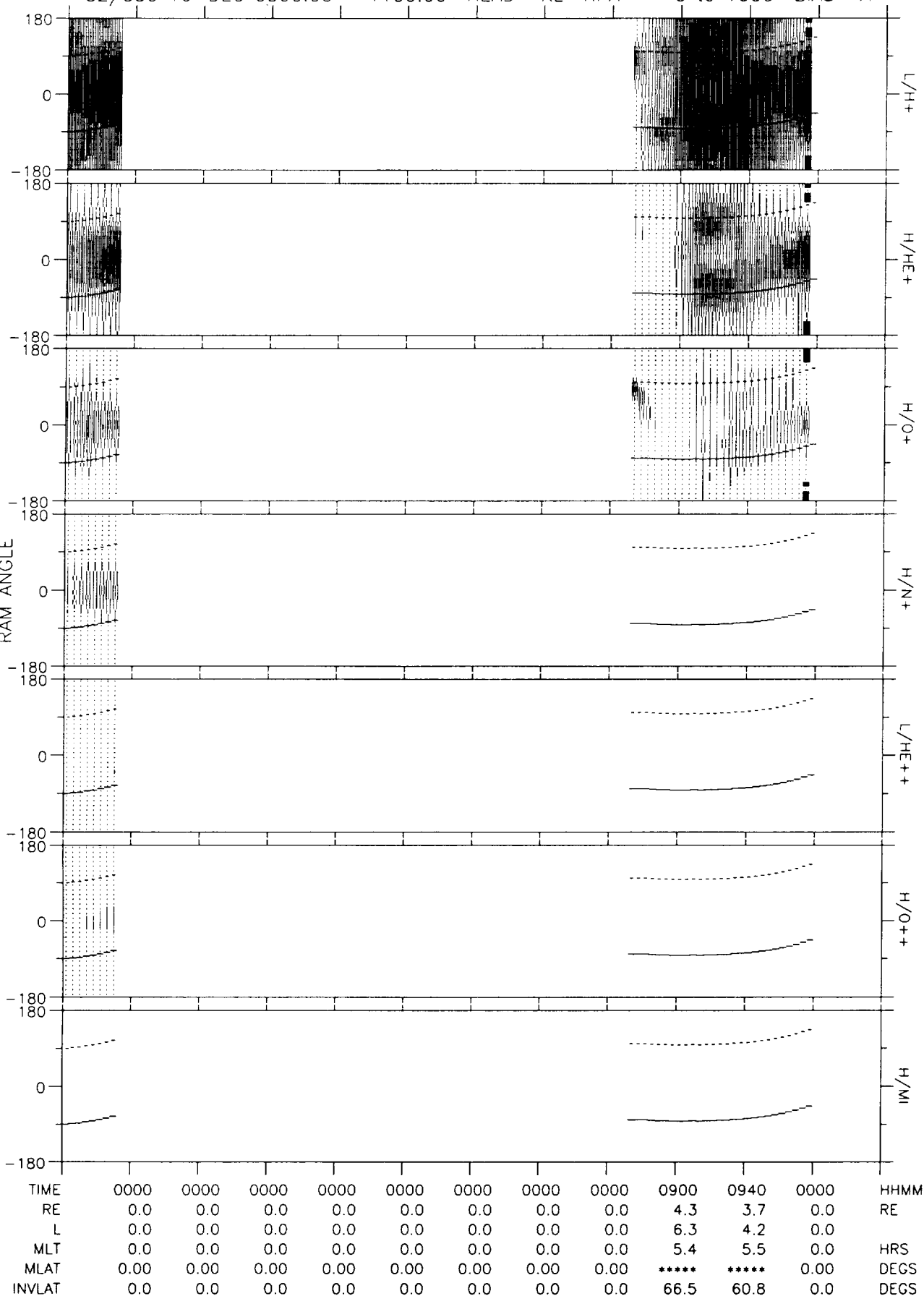
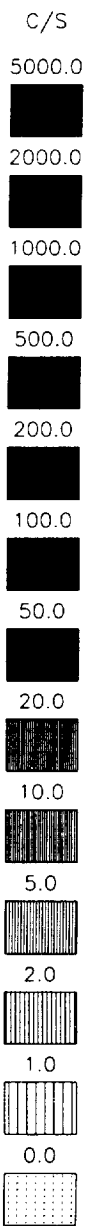
82/349 15-DEC 2000:00 - 0400:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	2040	0000	0000	0000	2320	0000	0000	0000	0000	0240	0320	HHMM
RE	2.7	0.0	0.0	0.0	3.8	4.4	0.0	0.0	0.0	3.9	3.0	RE
L	3.0	0.0	0.0	0.0	47.1	100.0	0.0	0.0	0.0	6.3	3.4	
MLT	5.0	0.0	0.0	0.0	18.1	22.5	0.0	0.0	0.0	4.4	4.8	HRS
MLAT	*****	0.00	0.00	0.00	*****	*****	0.00	0.00	0.00	*****	*****	DEGS
INVLAT	54.4	0.0	0.0	0.0	81.6	86.5	0.0	0.0	0.0	66.6	57.1	DEGS

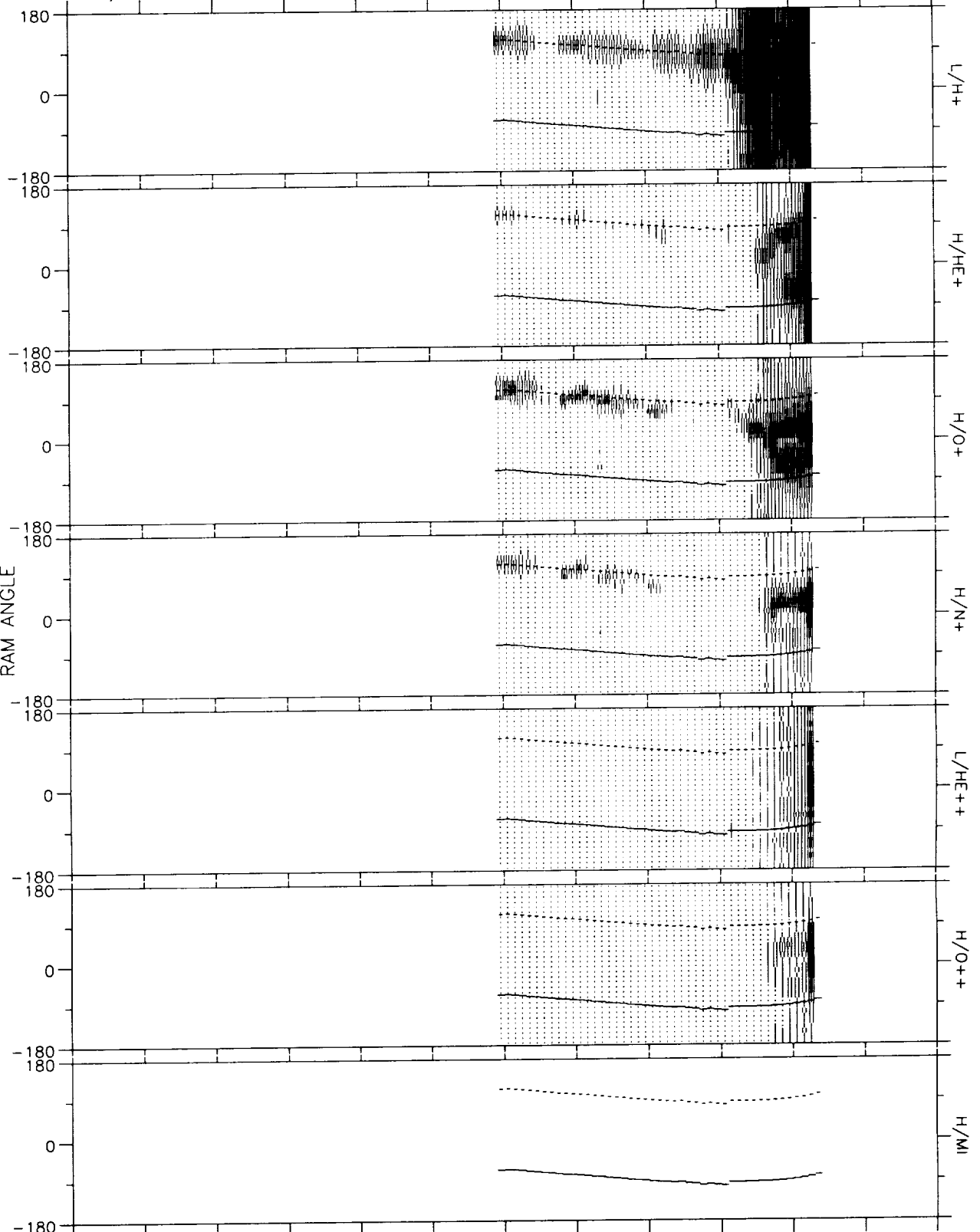
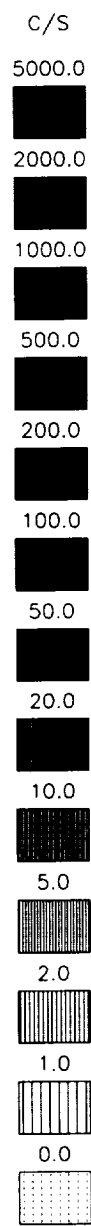
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Sat Nov 13 19:43:44 1993

82/350 16-DEC 0300:00 - 1100:00 HEAD= RL RPA= 0 to 1000 BIAS= A

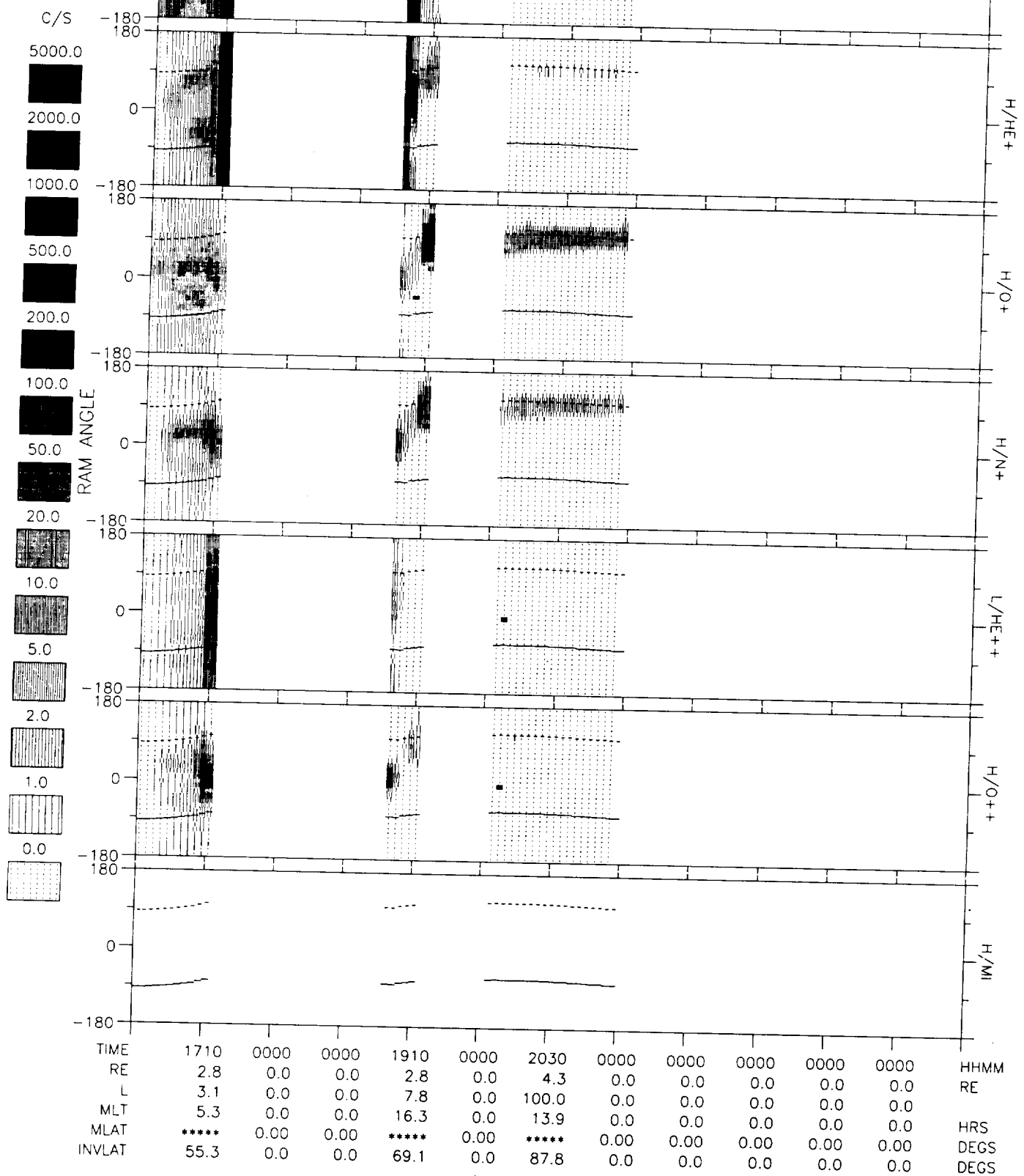


DE RIMS SPIN SUMMARY
 SPIN_RADIAL_ALL (V1.0)
 Sat Nov 13 19:45:12 1993

82/350 16-DEC 1015:00 - 1815:00 HEAD= RL RPA= 0 to 1000 BIAS= A

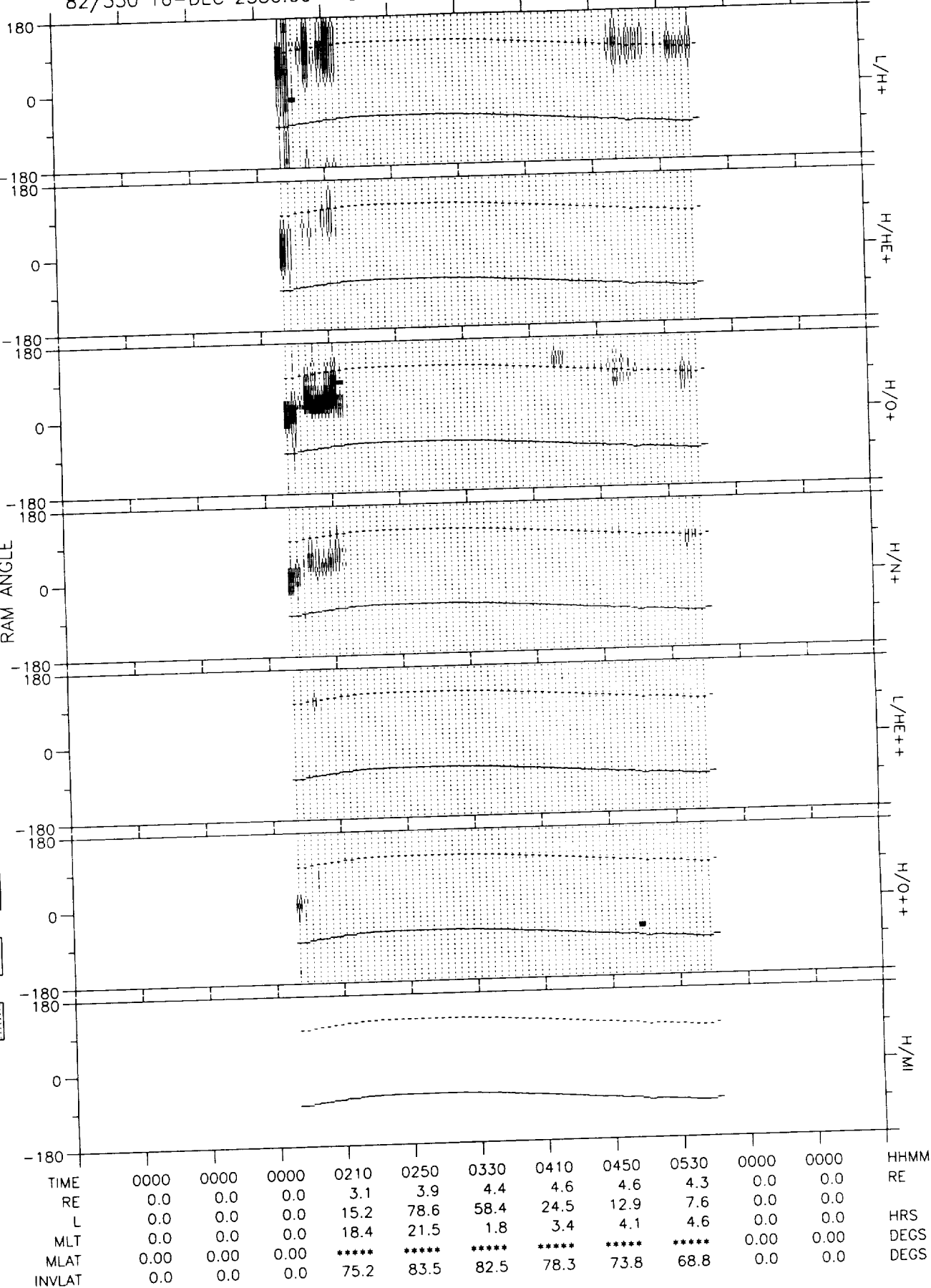
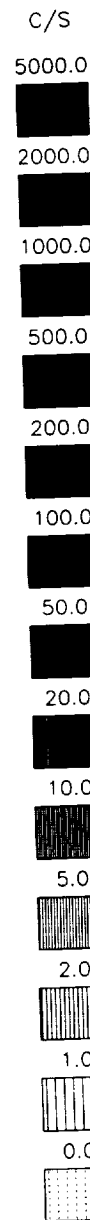


TIME	0000	0000	0000	0000	0000	1415	1455	1535	1615	1655	0000	HHMM
RE	0.0	0.0	0.0	0.0	0.0	4.6	4.6	4.4	4.0	3.2	0.0	RE
L	0.0	0.0	0.0	0.0	0.0	26.6	16.2	10.5	6.6	3.8	0.0	
MLT	0.0	0.0	0.0	0.0	0.0	6.9	6.5	6.1	5.8	5.4	0.0	HRS
MLAT	0.00	0.00	0.00	0.00	0.00	*****	*****	*****	*****	*****	0.00	DEGS
INVLAT	0.0	0.0	0.0	0.0	0.0	78.8	75.6	72.0	67.1	58.9	0.0	DEGS



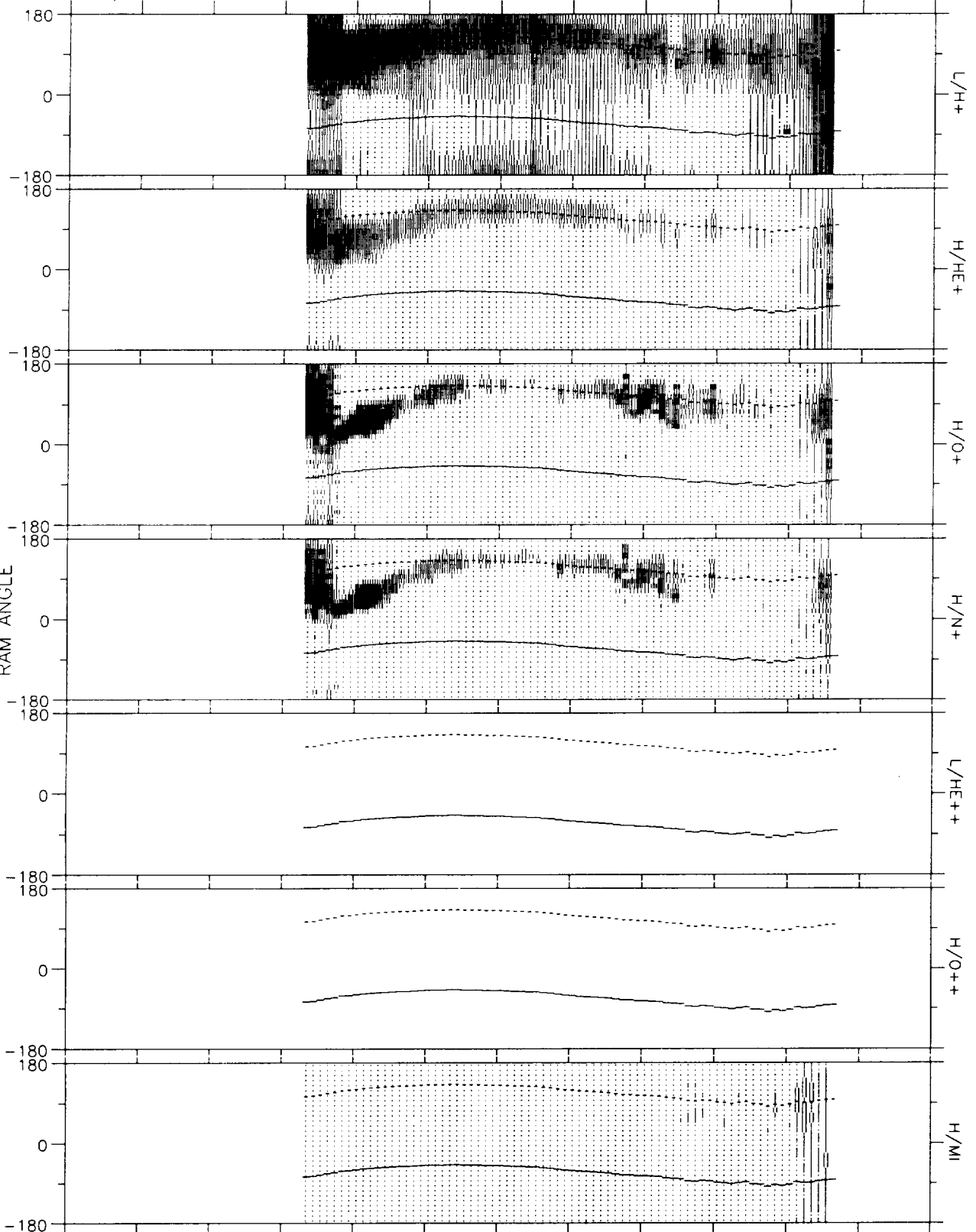
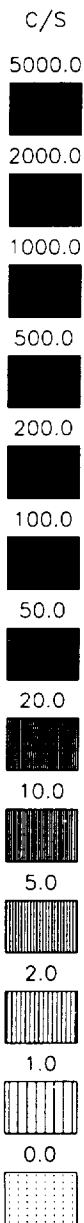
DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Sat Nov 13 23:36:02 1993

82/350 16-DEC 2330:00 - 0730:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIUS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Sat Nov 13 23:37:40 1993

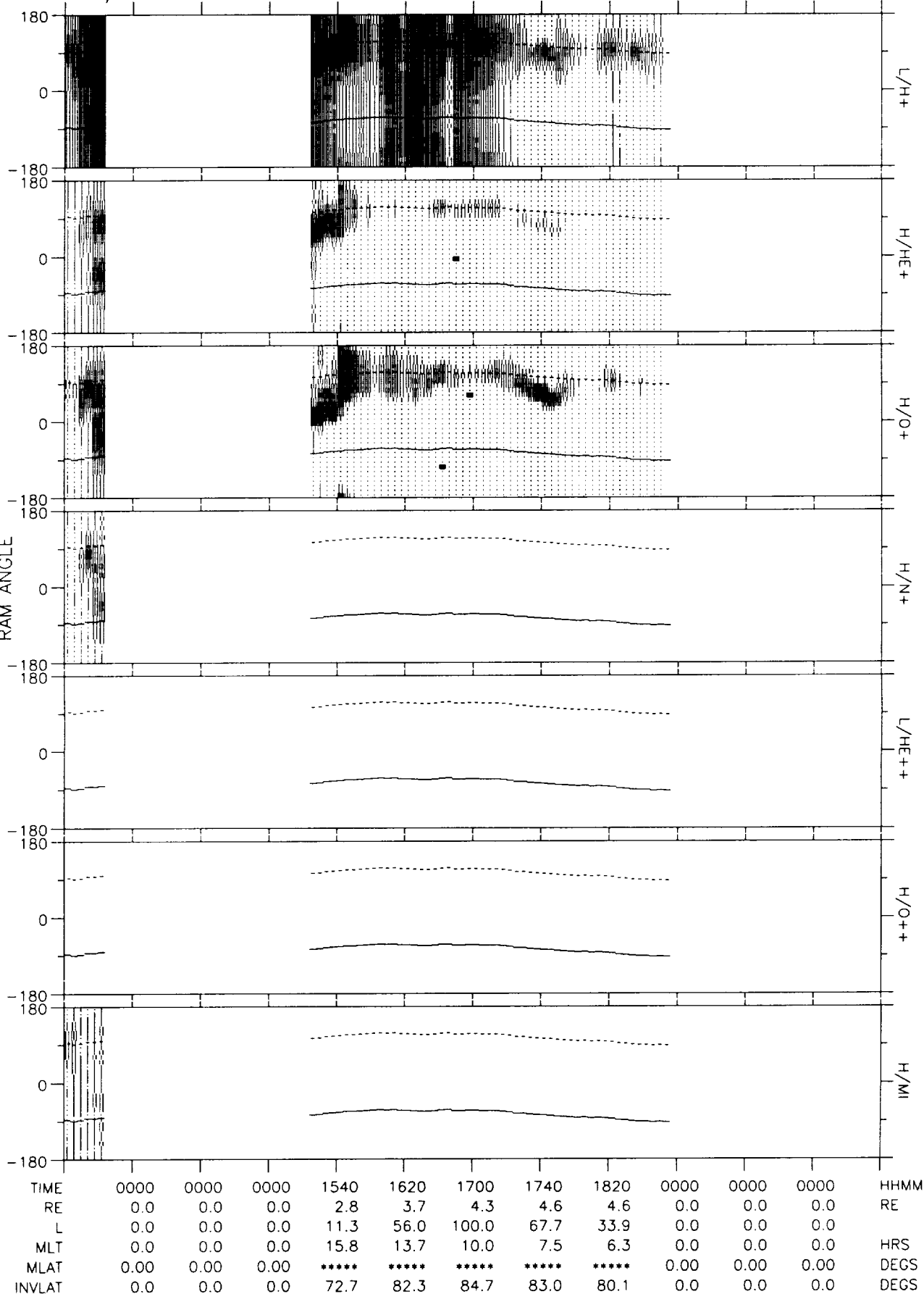
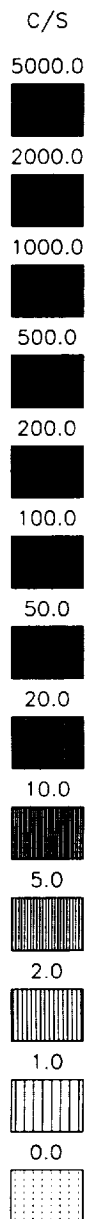
82/351 17-DEC 0615:00 - 1415:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0855	0935	1015	1055	1135	1215	1255	0000	HHMM
RE	0.0	0.0	0.0	3.0	3.8	4.4	4.6	4.6	4.4	3.8	0.0	RE
L	0.0	0.0	0.0	70.9	100.0	34.7	17.1	10.7	7.2	4.8	0.0	
MLT	0.0	0.0	0.0	18.0	5.4	5.8	5.8	5.8	5.8	5.6	0.0	HRS
MLAT	0.00	0.00	0.00	****	****	****	****	****	****	****	0.00	DEGS
INVLAT	0.0	0.0	0.0	83.2	86.0	80.2	76.0	72.2	68.2	63.0	0.0	DEGS

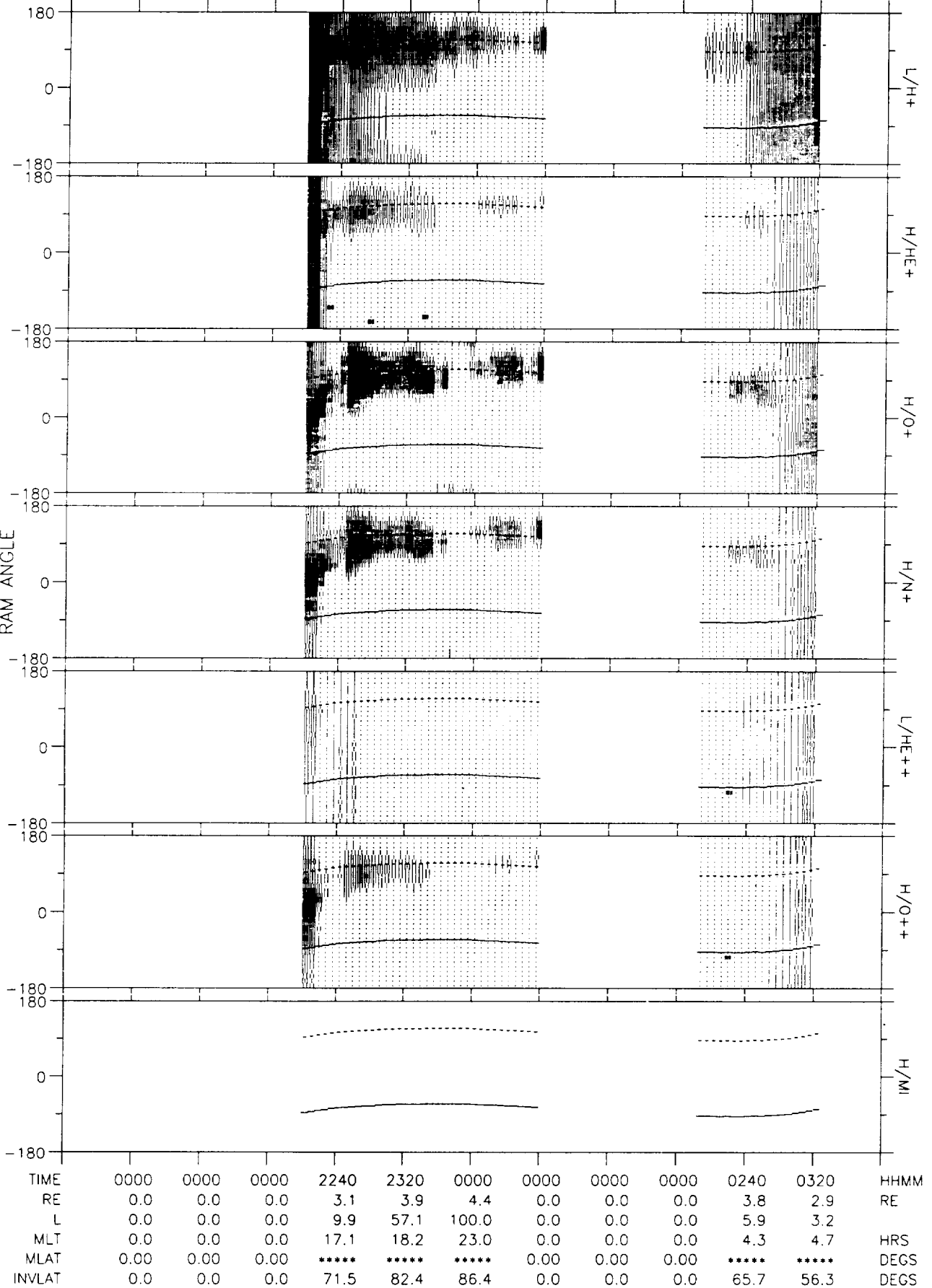
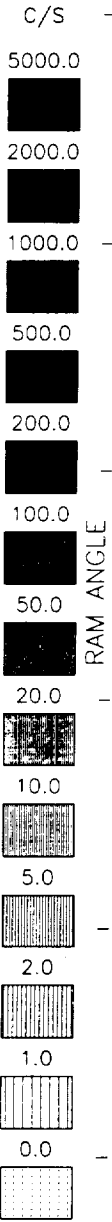
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Sat Nov 13 23:39:34 1993

82/351 17-DEC 1300:00 - 2100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



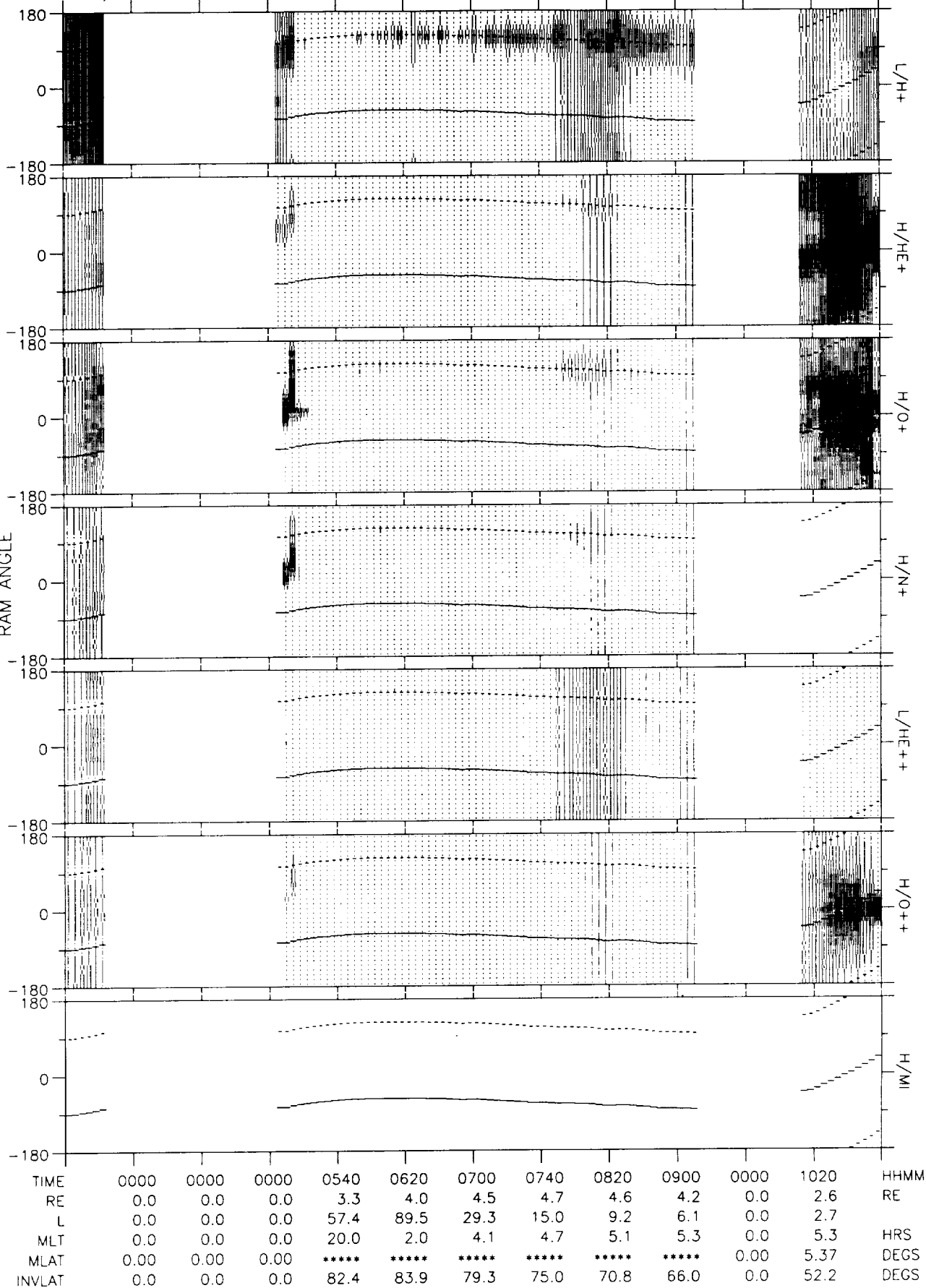
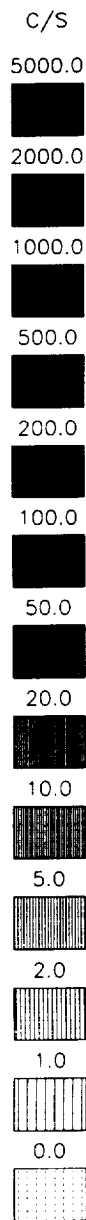
DE RIMS SPIN SUMMARY
SPINRADIALALL (V1.0)
Sat Nov 13 23:41:11 1993

82/351 17-DEC 2000:00 - 0400:00 HEAD= RL RPA= 0 to 1000 BIAS= A



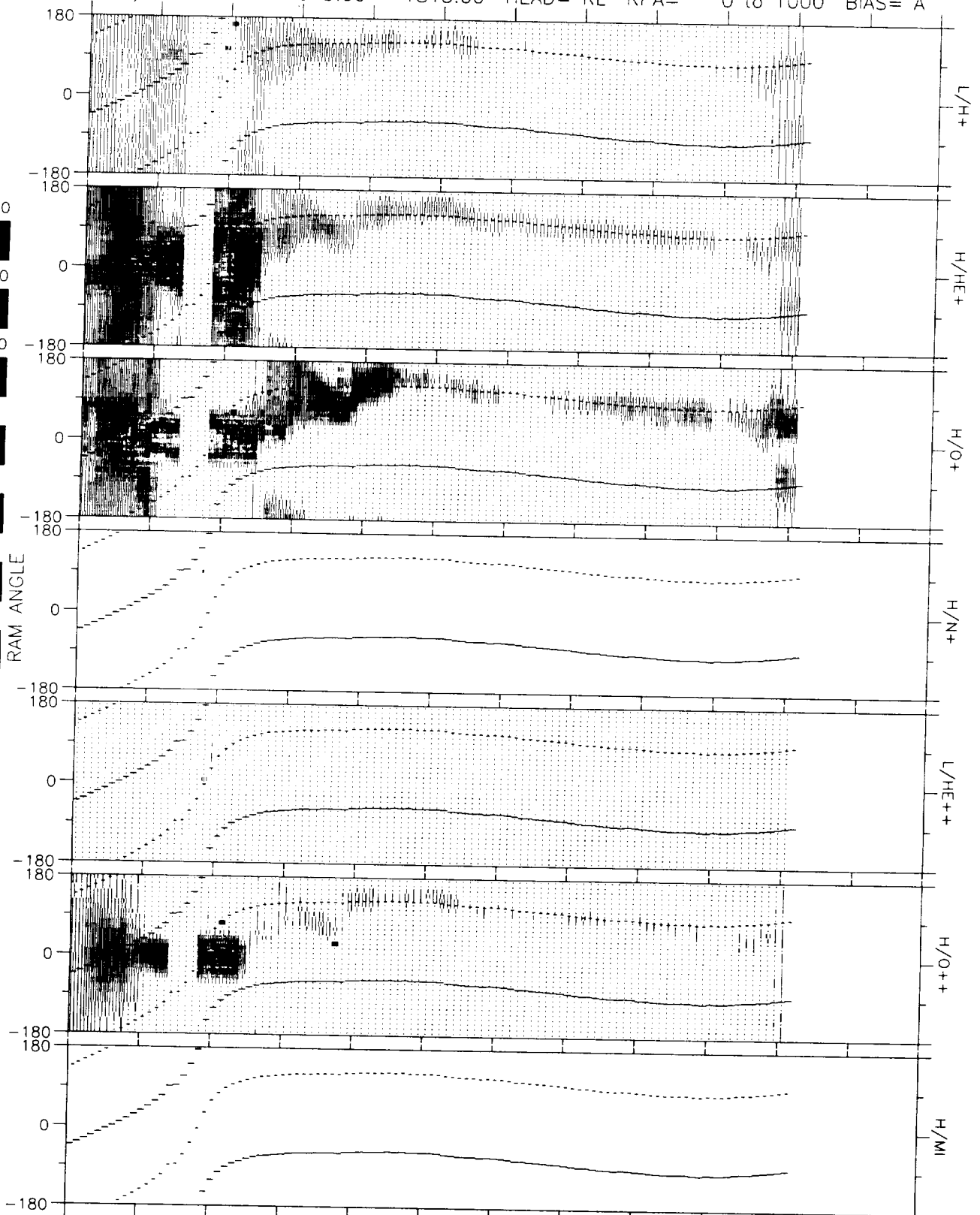
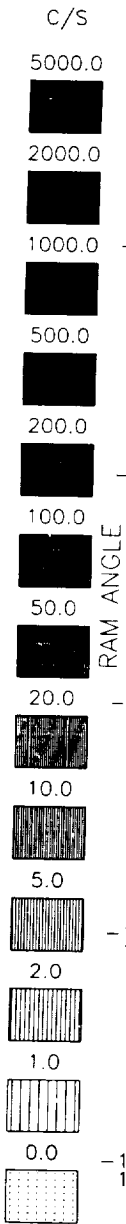
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Sat Nov 13 23:43:04 1993

82/352 18-DEC 0300:00 - 1100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Sat Nov 13 23:45:09 1993

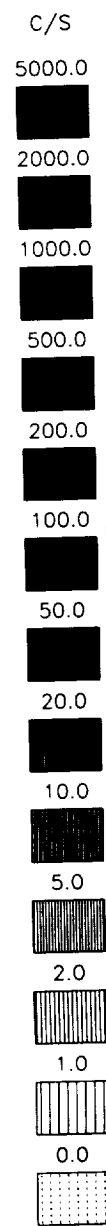
82/352 18-DEC 1015:00 - 1815:00 HEAD= RL RPA= 0 to 1000 BIAS= A



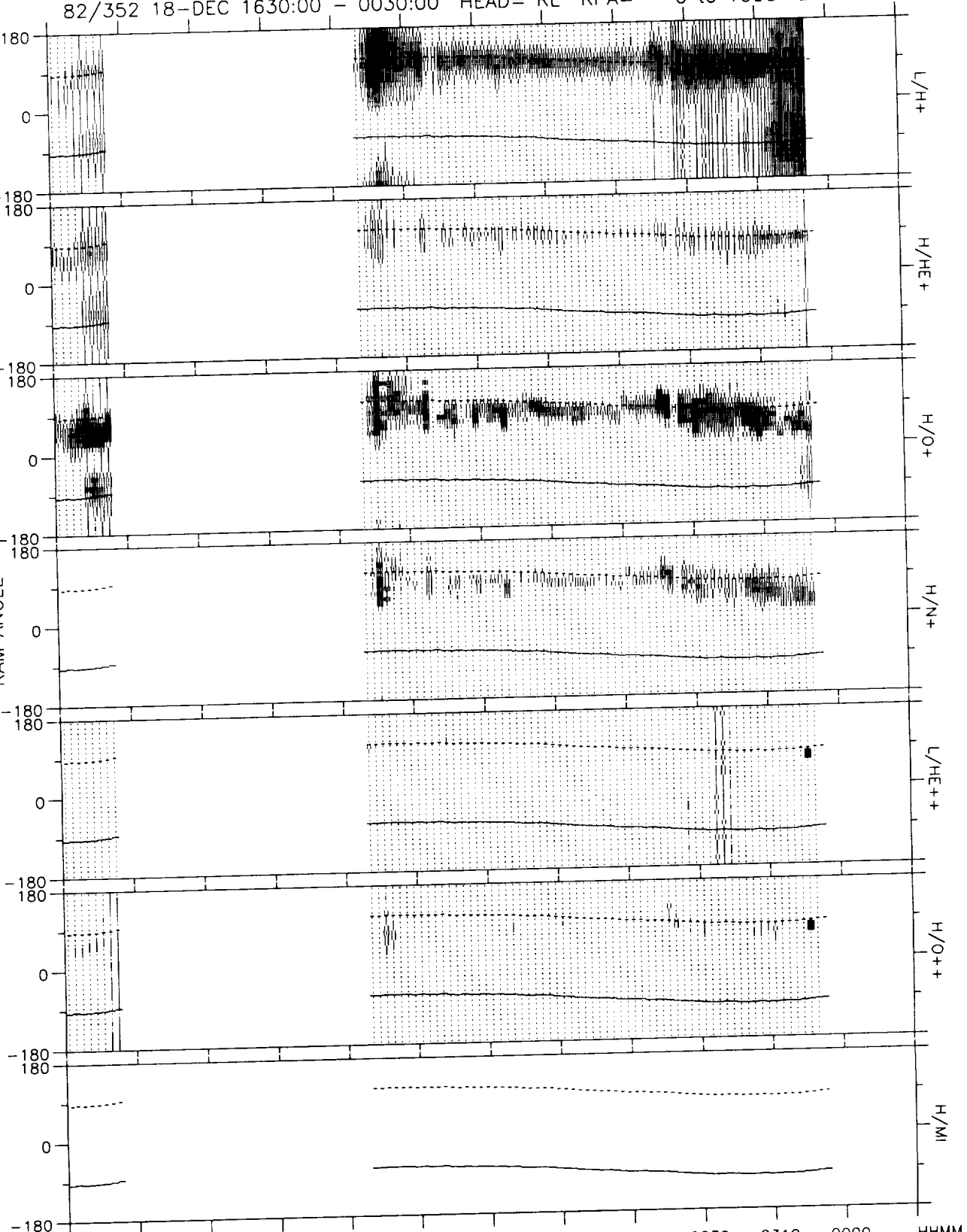
TIME	1055	1135	1215	1255	1335	1415	1455	1535	1615	1655	0000	HHMM
RE	1.4	1.6	2.9	3.8	4.3	4.6	4.6	4.4	3.9	3.0	0.0	RE
L	5.2	2.0	27.9	100.0	51.6	25.9	15.9	10.2	6.3	3.5	0.0	
MLT	4.9	17.1	15.8	10.7	7.6	6.8	6.3	5.9	5.6	5.2	0.0	HRS
MLAT	57.92	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.00	DEGS
INVLAT	64.0	44.4	79.1	85.1	82.0	78.7	75.5	71.8	66.5	57.6	0.0	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Sat Nov 13 23:47:32 1993

82/352 18-DEC 1630:00 - 0030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



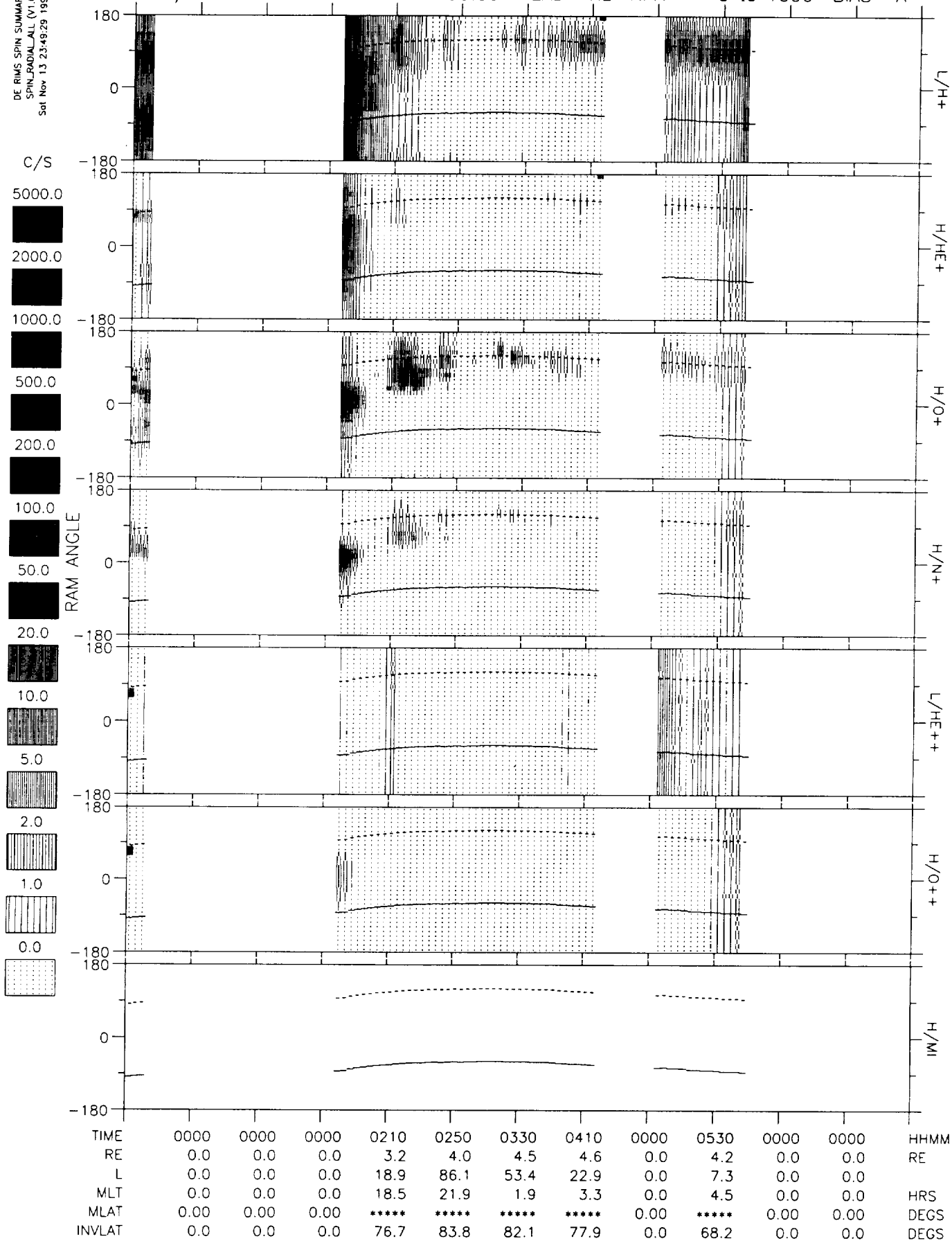
RAM ANGLE



TIME	0000	0000	0000	0000	1950	2030	2110	2150	2230	2310	0000	HHMM
RE	0.0	0.0	0.0	0.0	3.9	4.4	4.6	4.6	4.3	3.8	0.0	RE
L	0.0	0.0	0.0	0.0	50.7	100.0	100.0	44.0	16.6	7.5	0.0	HRS
MLT	0.0	0.0	0.0	0.0	15.6	13.4	5.0	4.4	4.3	4.3	0.0	DEGS
MLAT	0.00	0.00	0.00	0.00	*****	*****	*****	*****	*****	*****	0.00	DEGS
INVLAT	0.0	0.0	0.0	0.0	81.9	88.2	86.2	81.3	75.8	68.6	0.0	

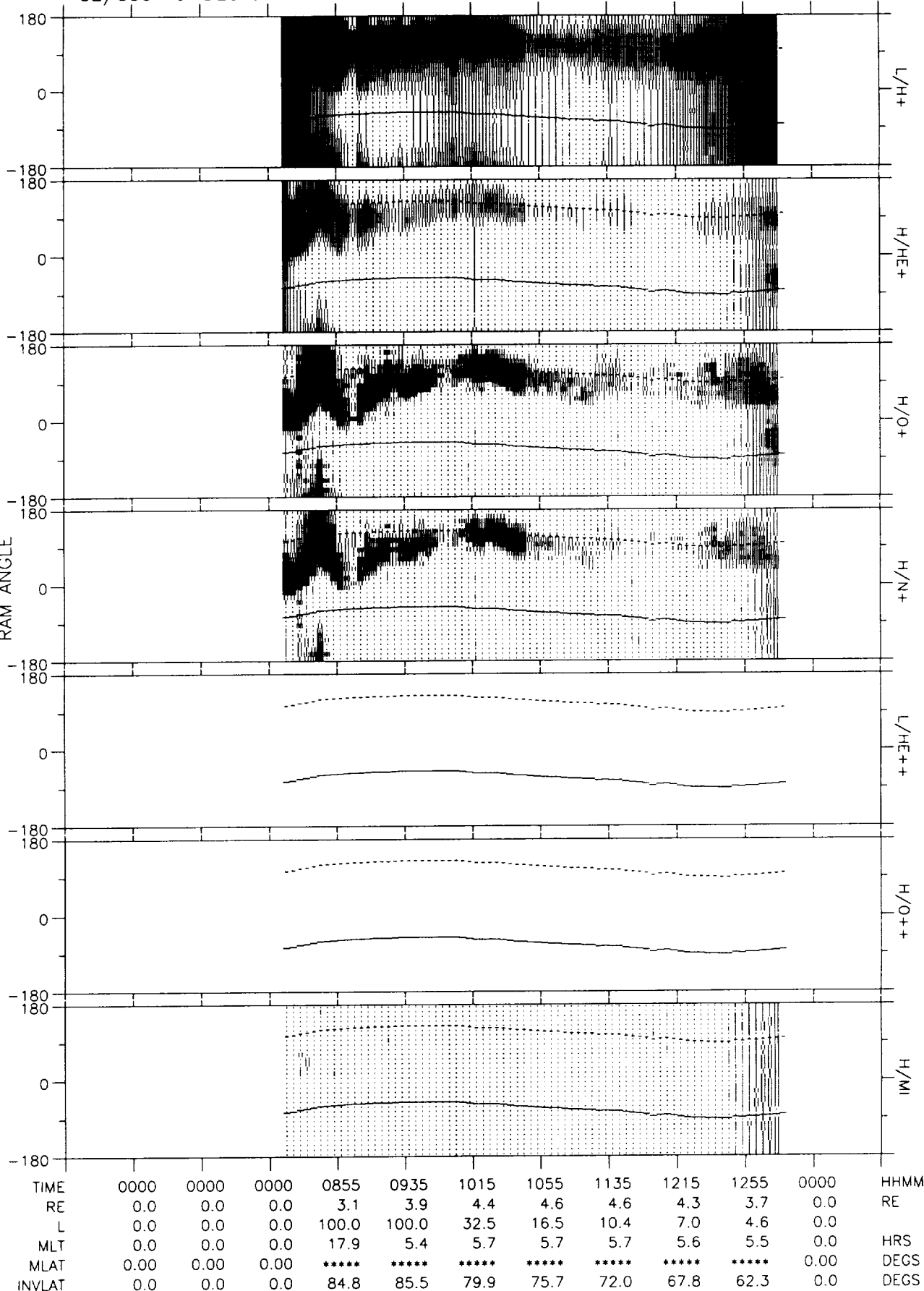
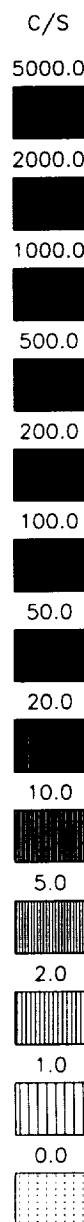
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Sat Nov 13 23:49:29 1993

82/352 18-DEC 2330:00 - 0730:00 HEAD= RL RPA= 0 to 1000 BIAS= A



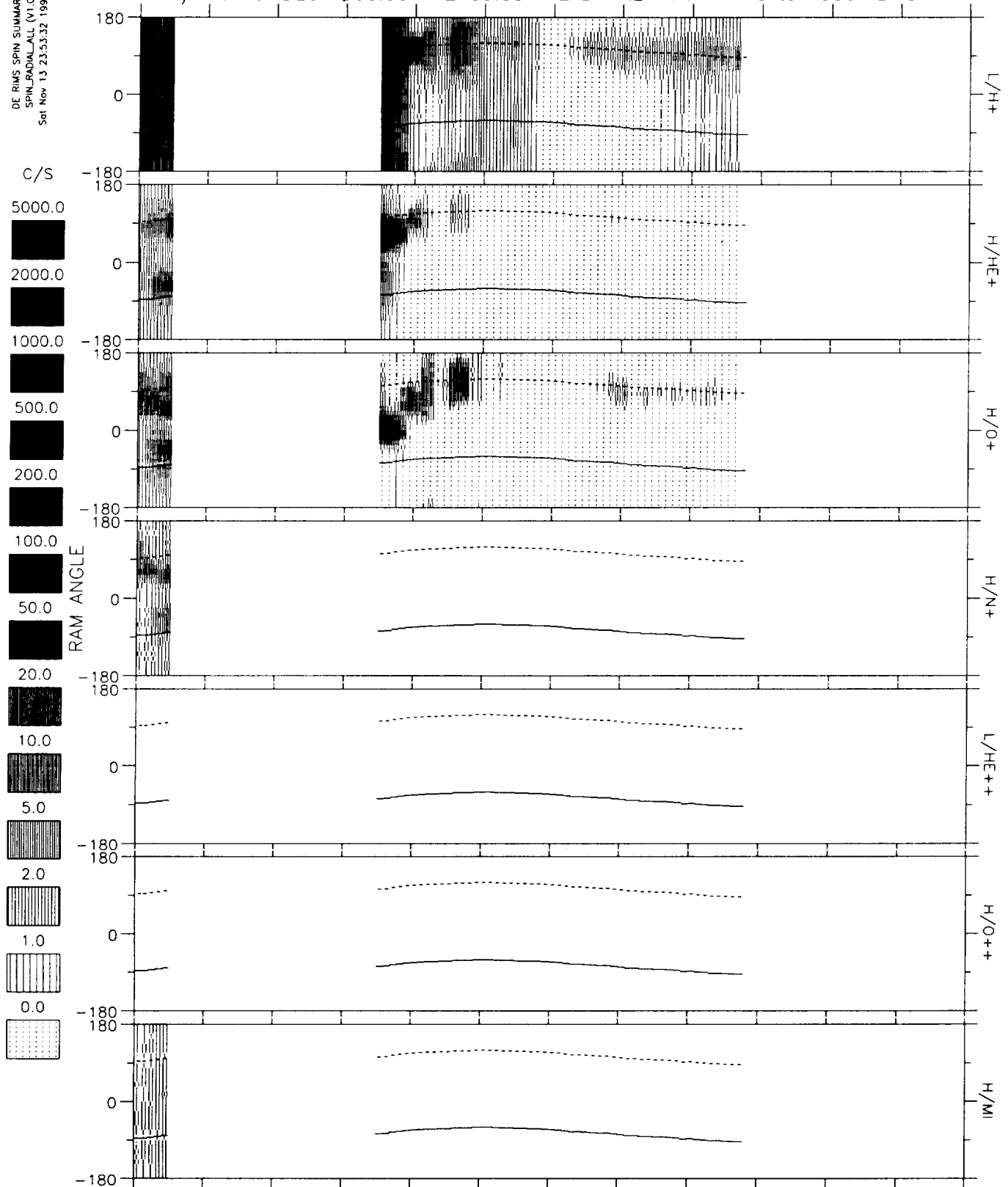
DE RIMS SPIN SUMMARY
SPINRADIAL (V1.0)
Sat Nov 13 23:51:18 1993

82/353 19-DEC 0615:00 - 1415:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Sat Nov 13 23:53:32 1993

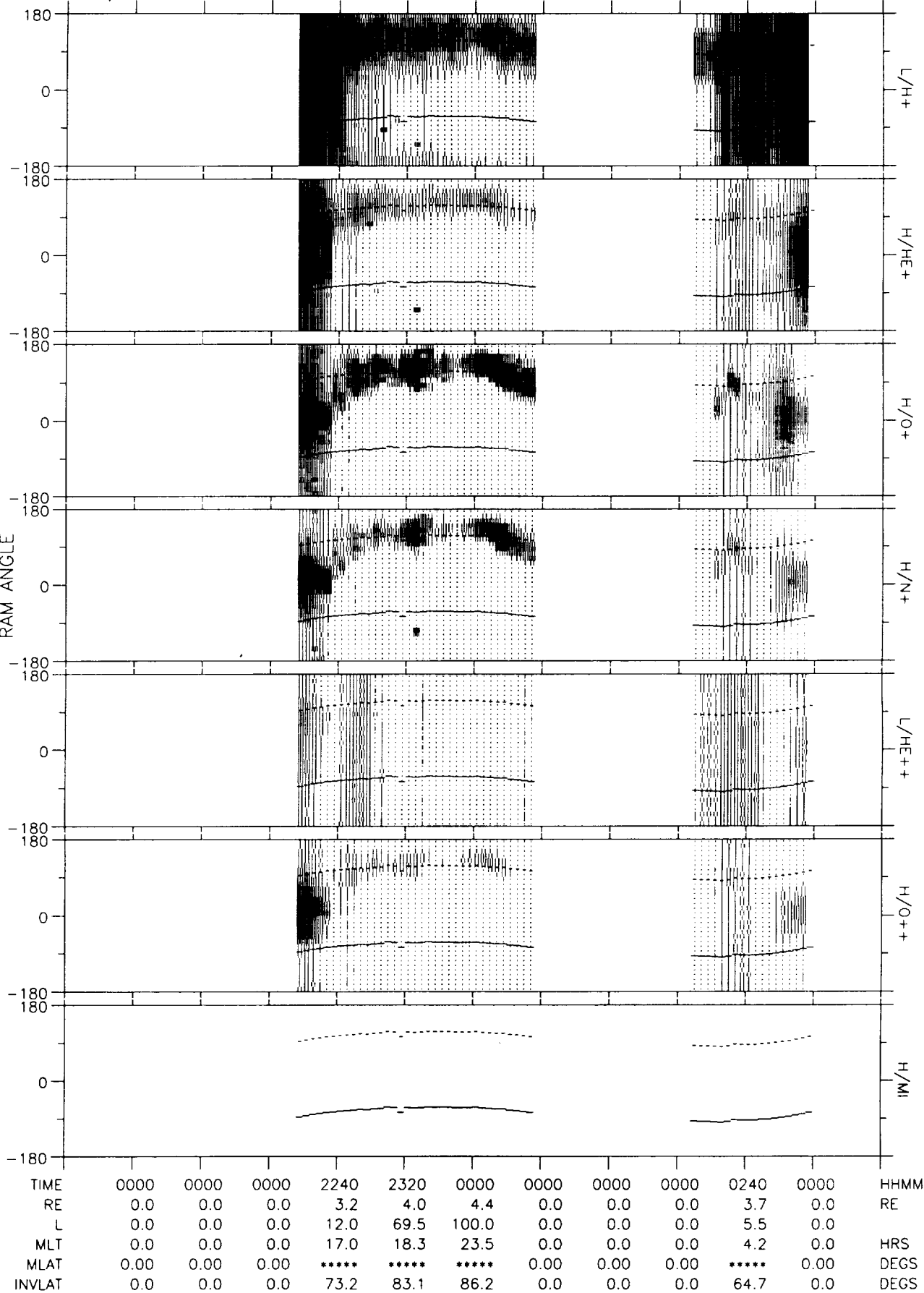
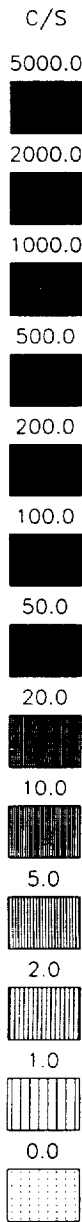
82/353 19-DEC 1300:00 - 2100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	1540	1620	1700	1740	1820	0000	0000	0000	HHMM
RE	0.0	0.0	0.0	3.0	3.8	4.4	4.6	4.6	0.0	0.0	0.0	RE
L	0.0	0.0	0.0	13.7	63.6	-0.0	66.2	31.6	0.0	0.0	0.0	
MLT	0.0	0.0	0.0	15.5	13.4	9.7	7.2	6.1	0.0	0.0	0.0	HRS
MLAT	0.00	0.00	0.00	****	****	****	****	****	0.00	0.00	0.00	DEGS
INVLAT	0.0	0.0	0.0	74.3	82.8	-0.0	82.9	79.8	0.0	0.0	0.0	DEGS

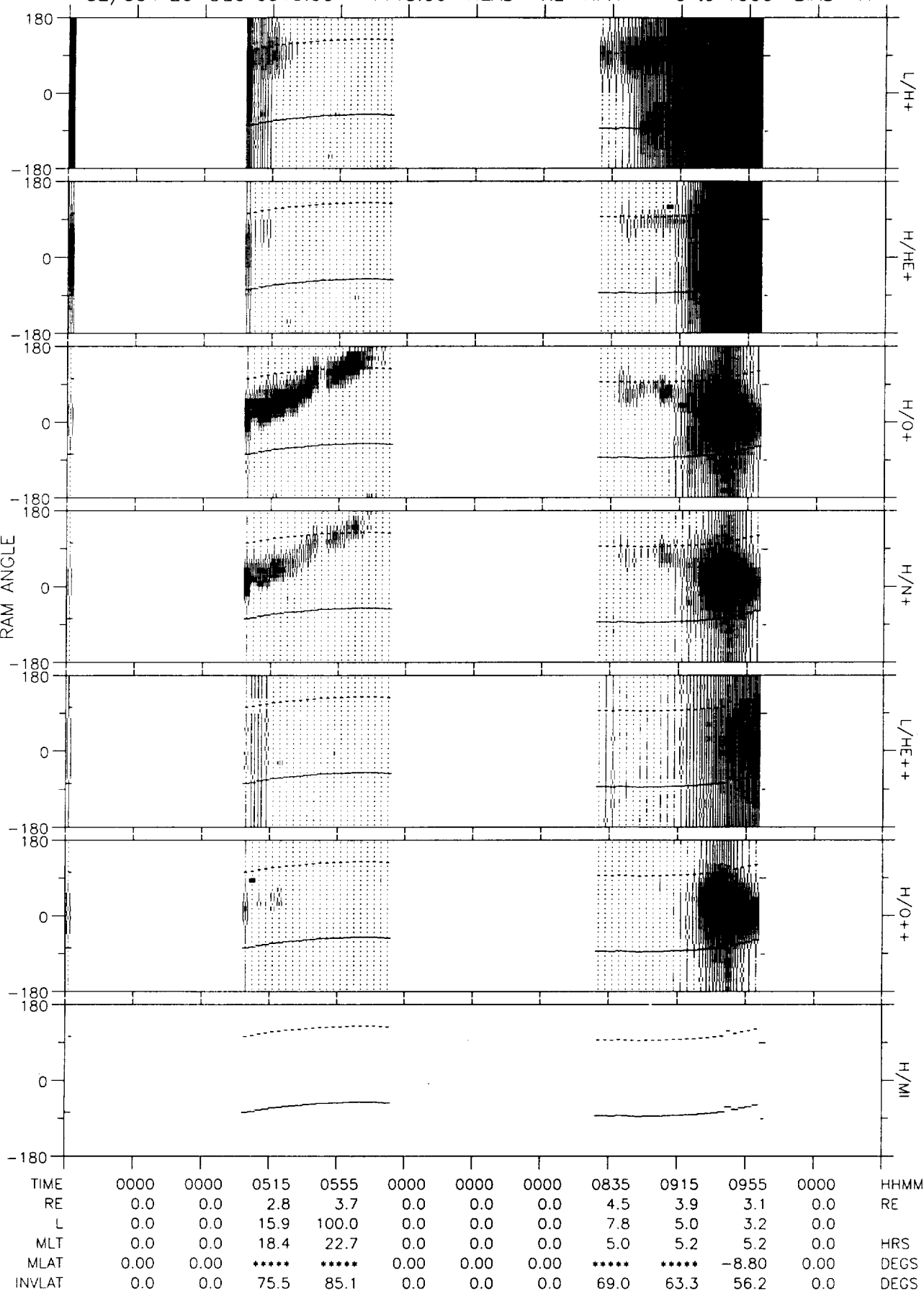
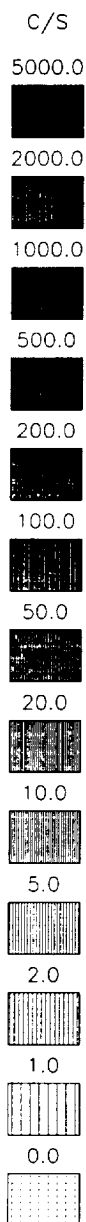
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 19 15:22:51 1993

82/353 19-DEC 2000:00 - 0400:00 HEAD= RL RPA= 0 to 1000 BIAS= A



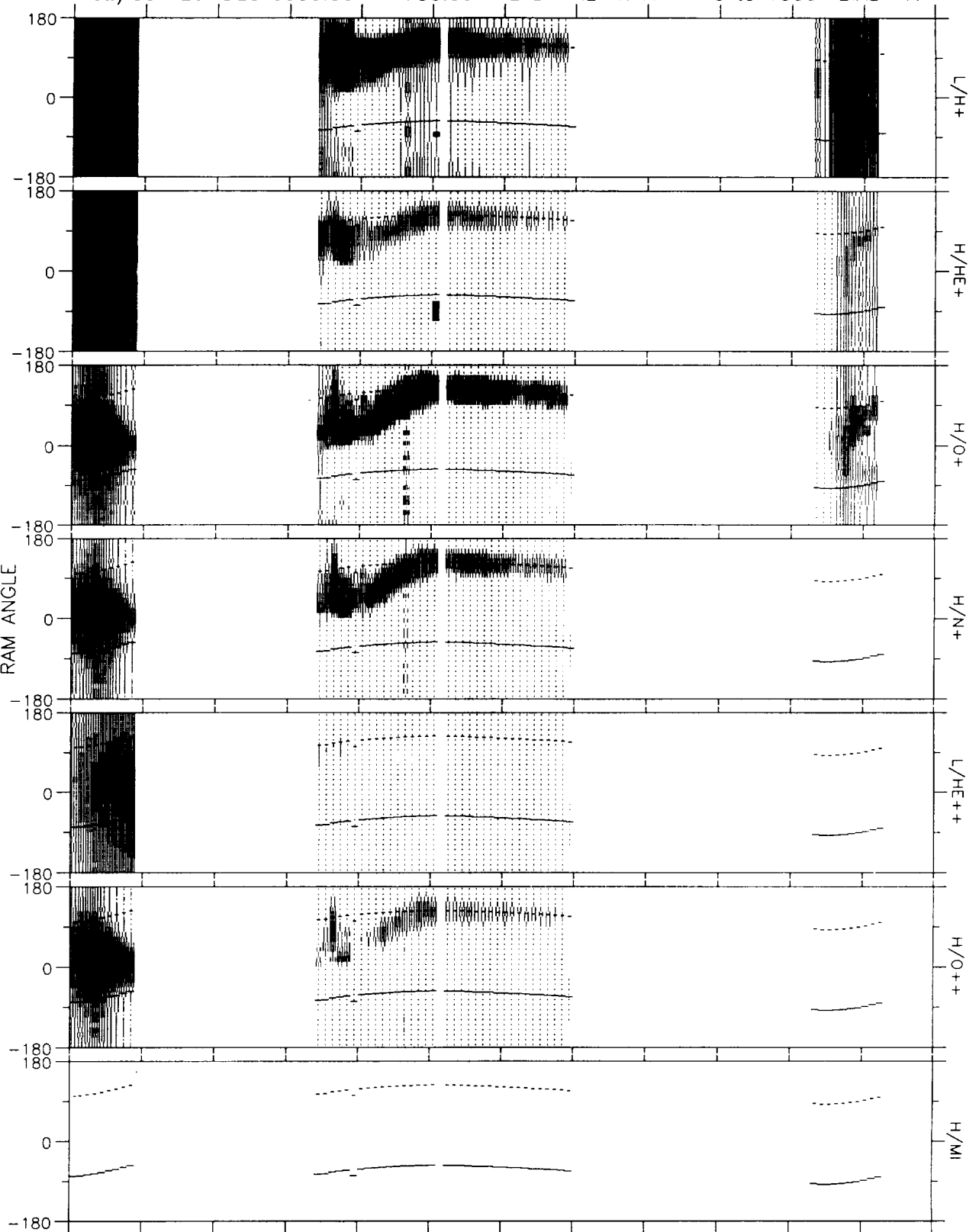
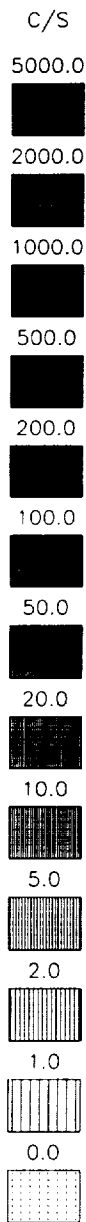
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (VLO)
Fri Nov 19 15:24:52 1993

82/354 20-DEC 0315:00 - 1115:00 HEAD= RL RPA= 0 to 1000 BIAS= A



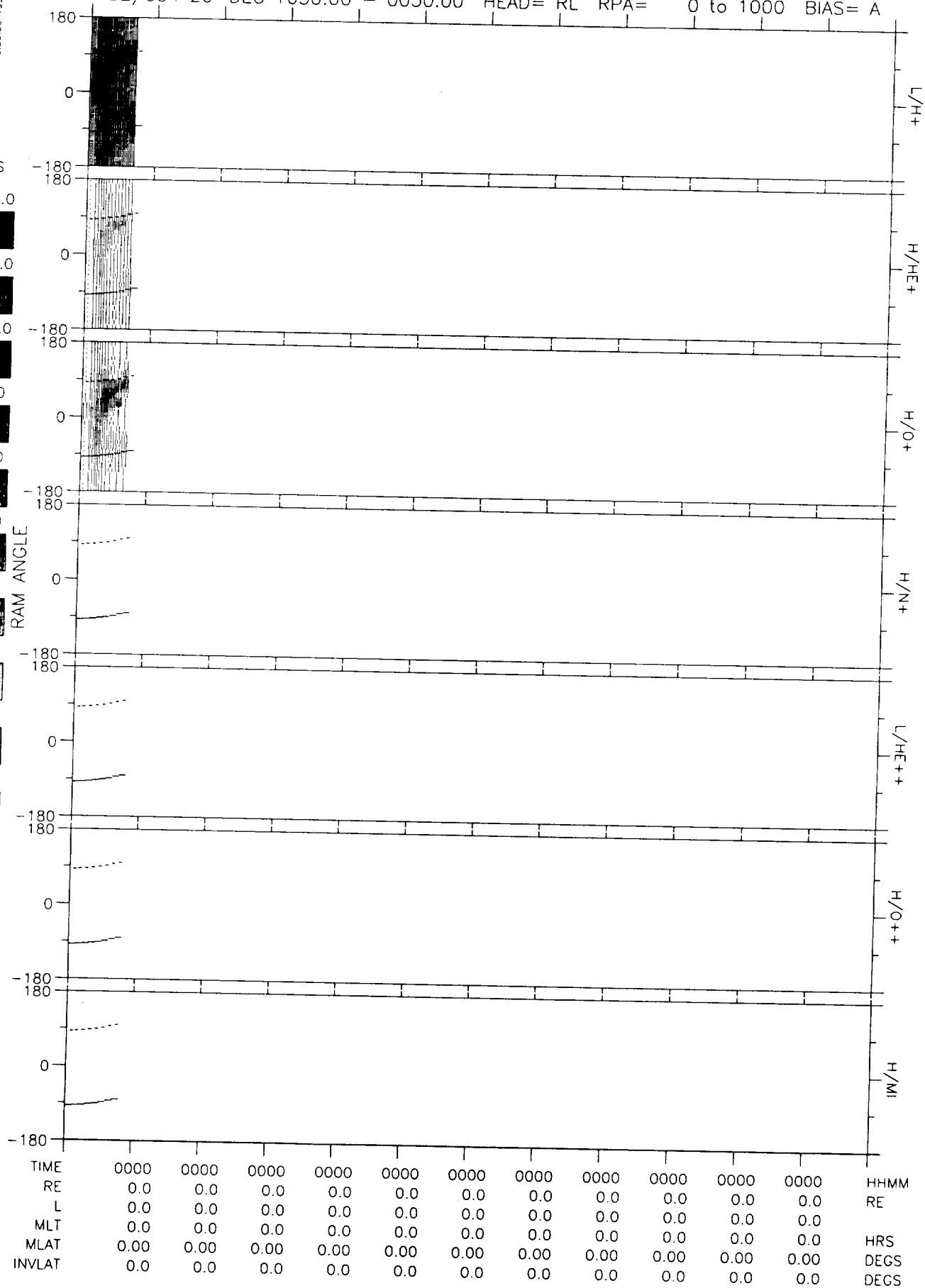
DE RMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 19 15:26:58 1995

82/354 20-DEC 0930:00 - 1730:00 HEAD= RL RPA= 0 to 1000 BIAS= A



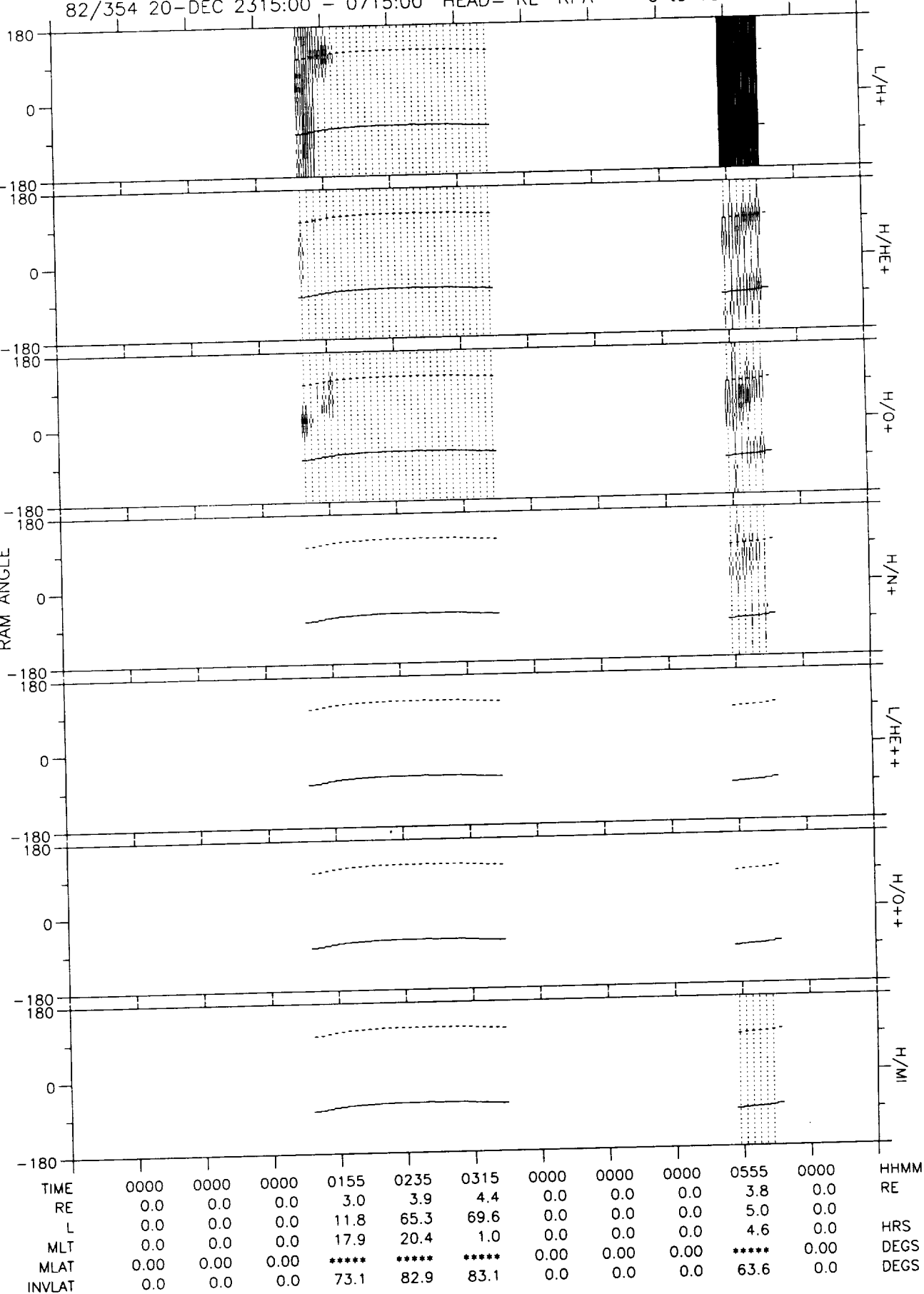
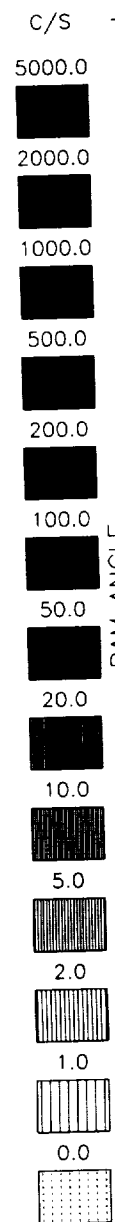
TIME	0000	0000	0000	1210	1250	1330	0000	0000	0000	0000	1650	HHMM
RE	0.0	0.0	0.0	2.9	3.8	4.3	0.0	0.0	0.0	0.0	3.0	RE
L	0.0	0.0	0.0	26.9	100.0	54.5	0.0	0.0	0.0	0.0	3.5	
MLT	0.0	0.0	0.0	15.7	10.9	7.6	0.0	0.0	0.0	0.0	5.1	HRS
MLAT	0.00	0.00	0.00	*****	*****	*****	0.00	0.00	0.00	0.00	*****	DECS
INVLAT	0.0	0.0	0.0	78.9	85.1	82.2	0.0	0.0	0.0	0.0	57.6	DECS

82/354 20-DEC 1630:00 - 0030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



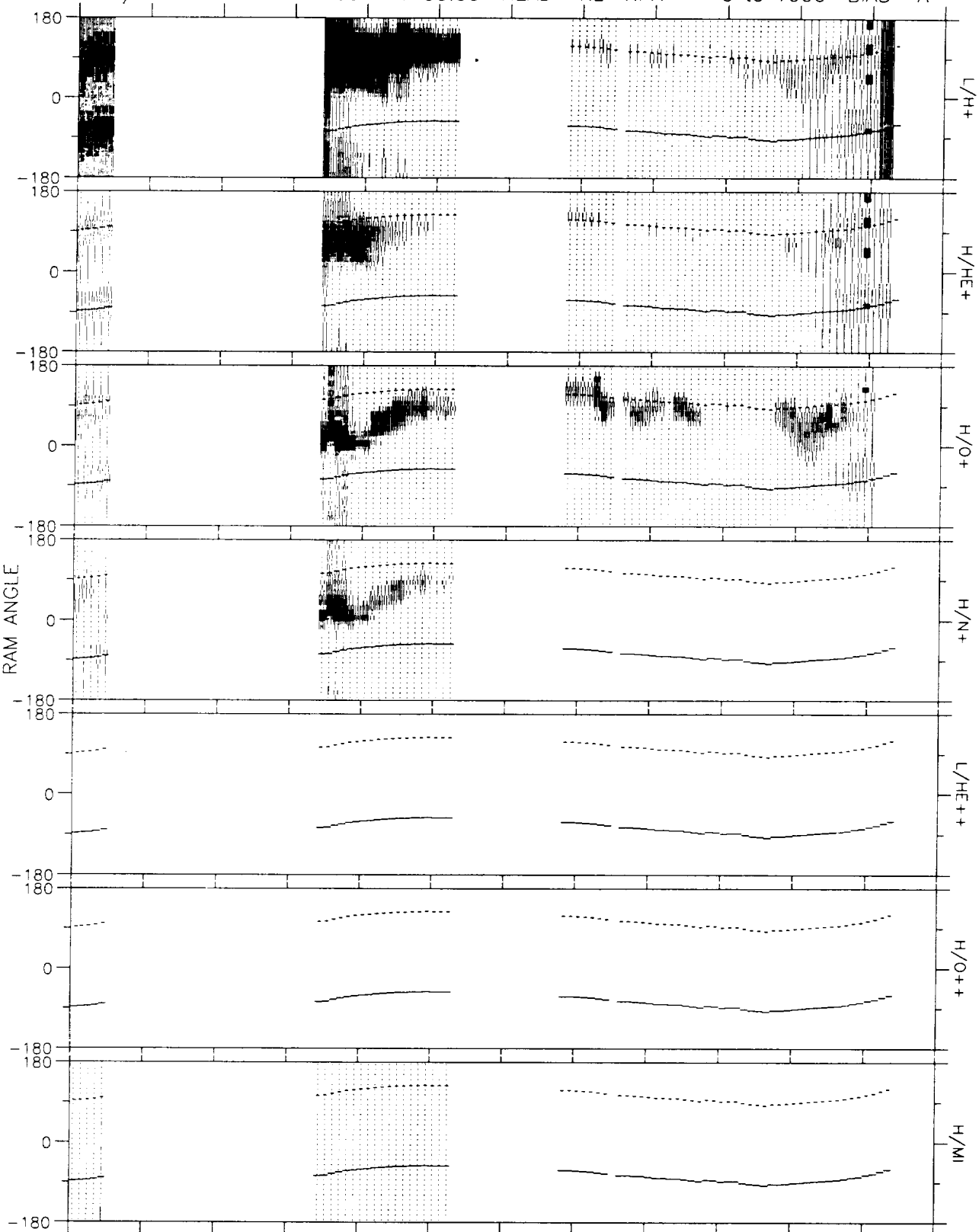
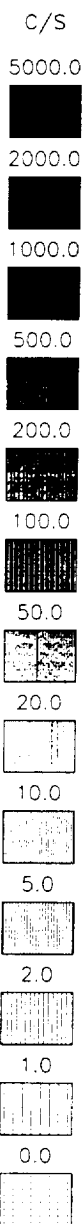
DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Fri Nov 19 15:30:16 1993

82/354 20-DEC 2315:00 - 0715:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN-RADIAL (V1.0)
Fri Nov 19 15:31:31 1993

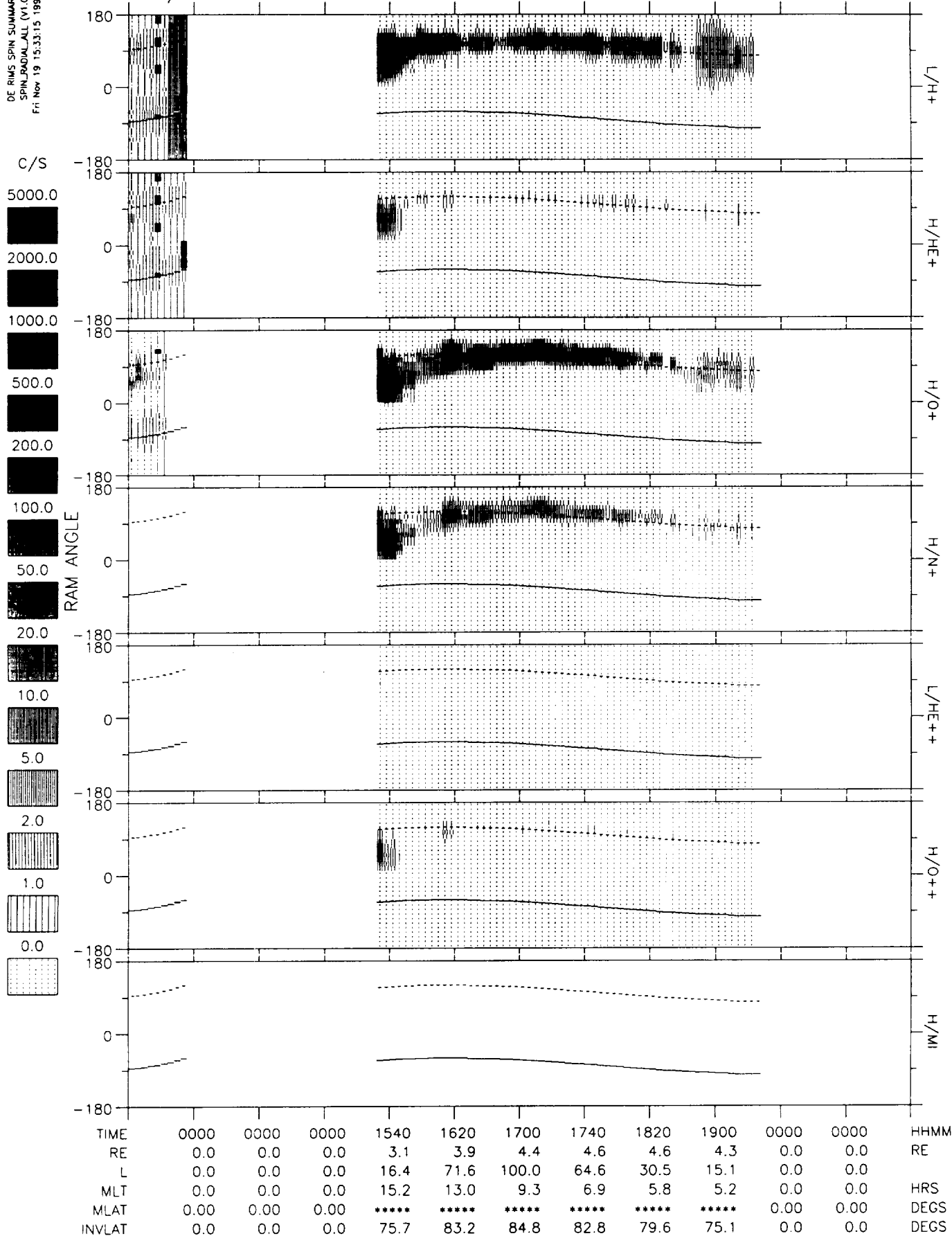
82/355 21-DEC 0600:00 - 1400:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0840	0920	0000	1040	1120	1200	1240	1320	HHMM
RE	0.0	0.0	0.0	2.9	3.8	0.0	4.6	4.6	4.4	3.9	3.1	RE
L	0.0	0.0	0.0	38.7	100.0	0.0	19.6	11.9	7.9	5.2	3.2	
MLT	0.0	0.0	0.0	17.6	5.1	0.0	5.6	5.6	5.5	5.4	5.2	HRS
MLAT	0.00	0.00	0.00	*****	*****	0.00	*****	*****	*****	*****	*****	DEGS
INVLAT	0.0	0.0	0.0	80.8	87.5	0.0	76.9	73.1	69.1	64.0	56.2	DEGS

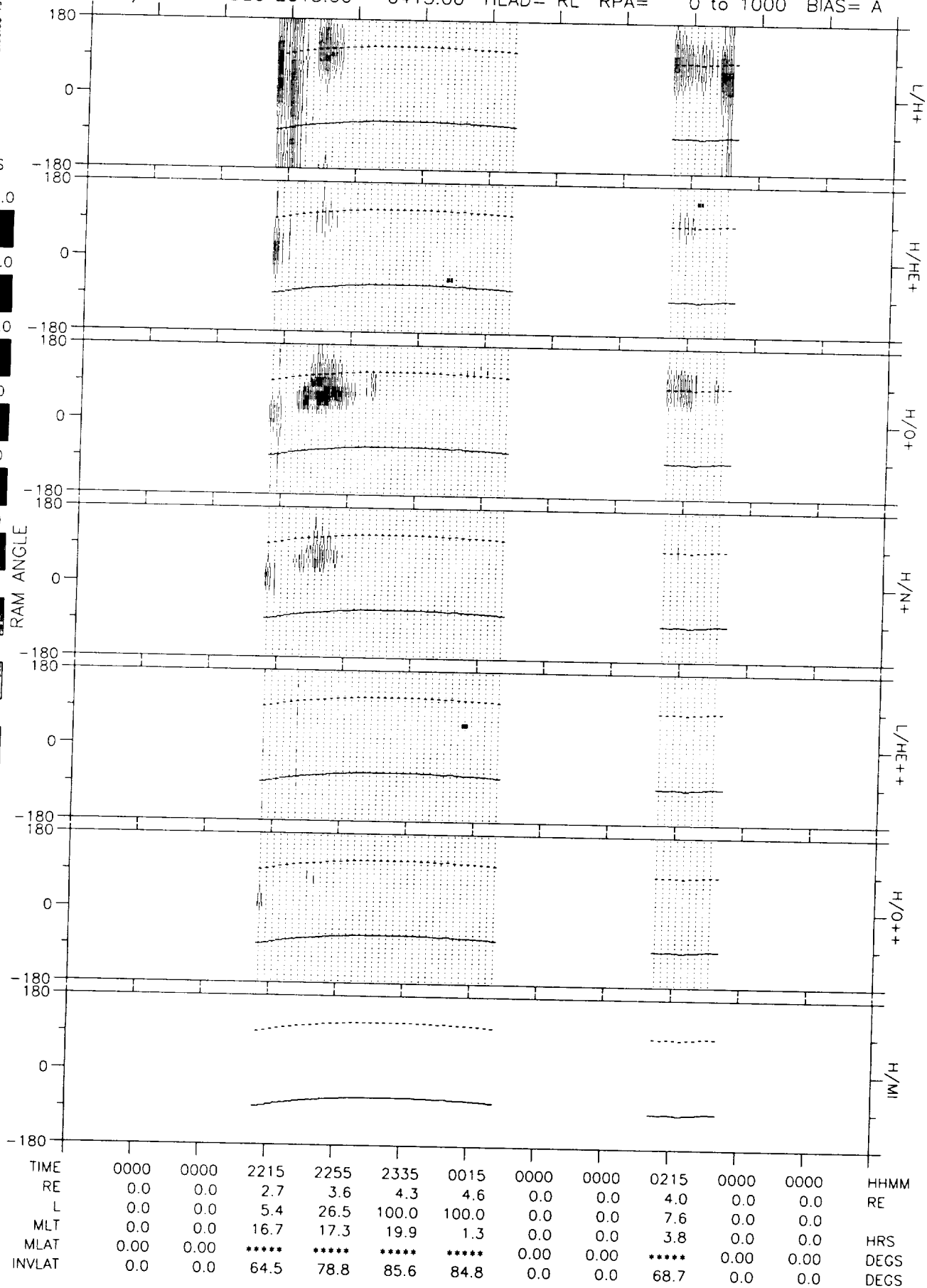
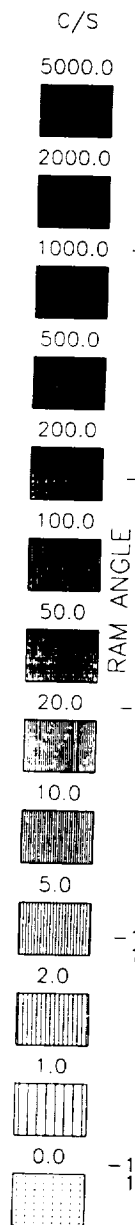
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 19 15:33:15 1993

82/355 21-DEC 1300:00 - 2100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



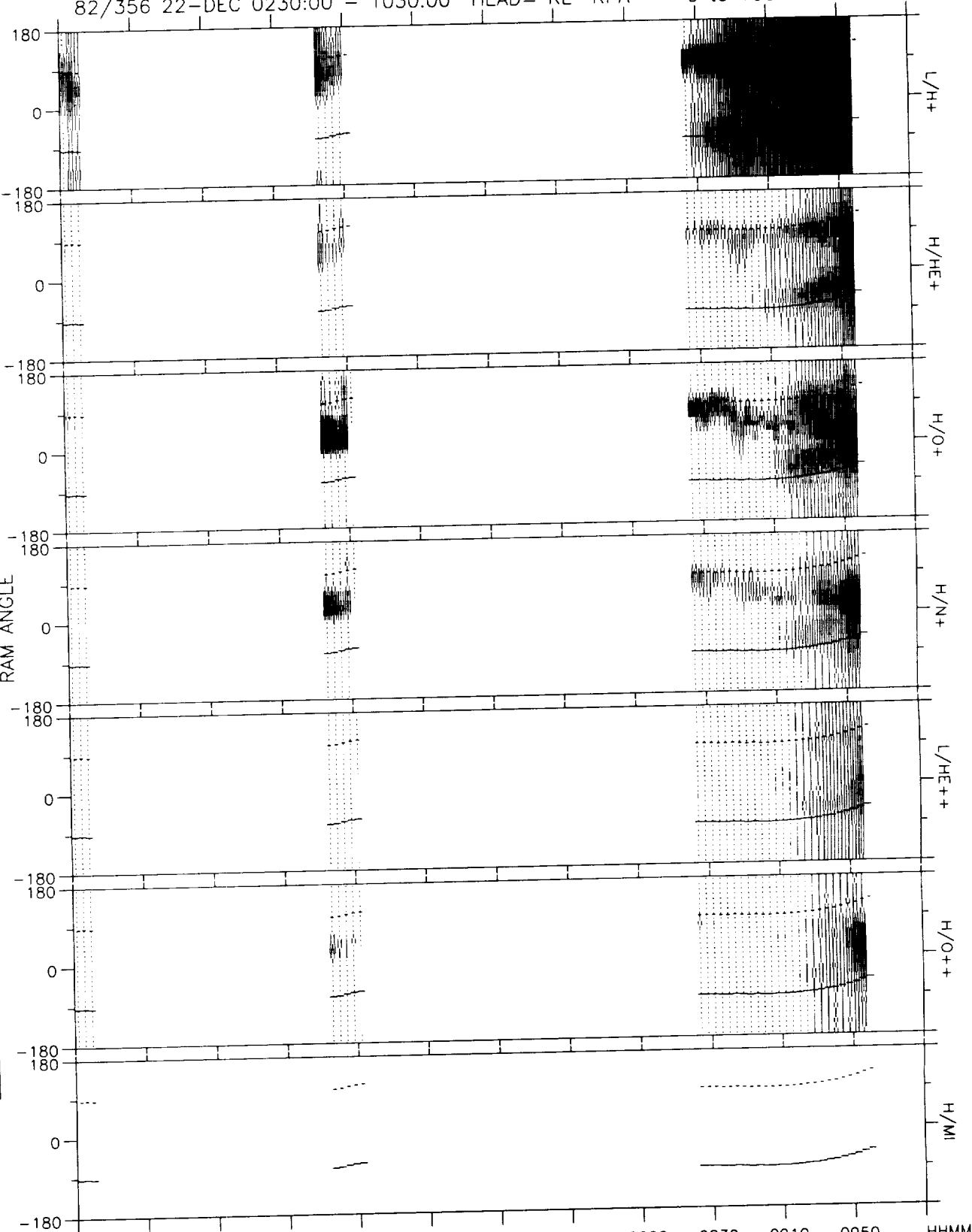
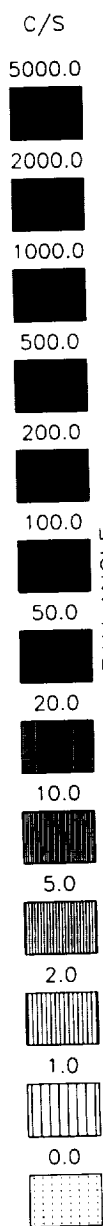
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Fri Nov 19 15:35:08 1993

82/355 21-DEC 2015:00 - 0415:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RMS SPIN SUMMARY
SPIN/RADIAL ALL (V1.0)
Fri Nov 19 15:36:43 1993

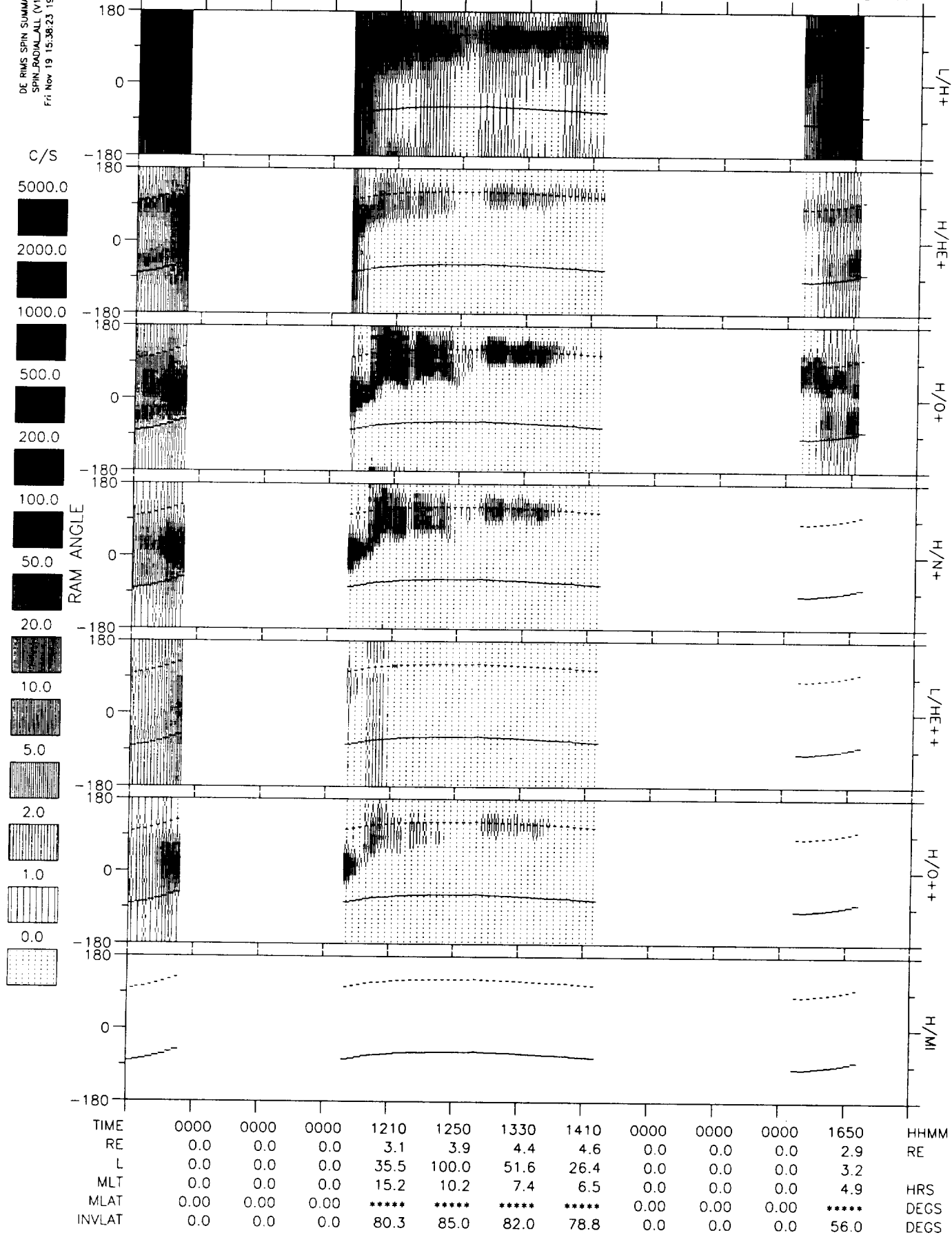
82/356 22-DEC 0230:00 - 1030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0510	0000	0000	0000	0000	0830	0910	0950	HHMM
RE	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	4.4	3.9	3.1	RE
L	0.0	0.0	0.0	12.3	0.0	0.0	0.0	0.0	7.6	5.0	3.2	HRS
MLT	0.0	0.0	0.0	18.1	0.0	0.0	0.0	0.0	4.9	5.0	5.1	DEGS
MLAT	0.00	0.00	0.00	*****	0.00	0.00	0.00	0.00	*****	*****	-9.18	DEGS
INVLAT	0.0	0.0	0.0	73.5	0.0	0.0	0.0	0.0	68.8	63.4	56.2	

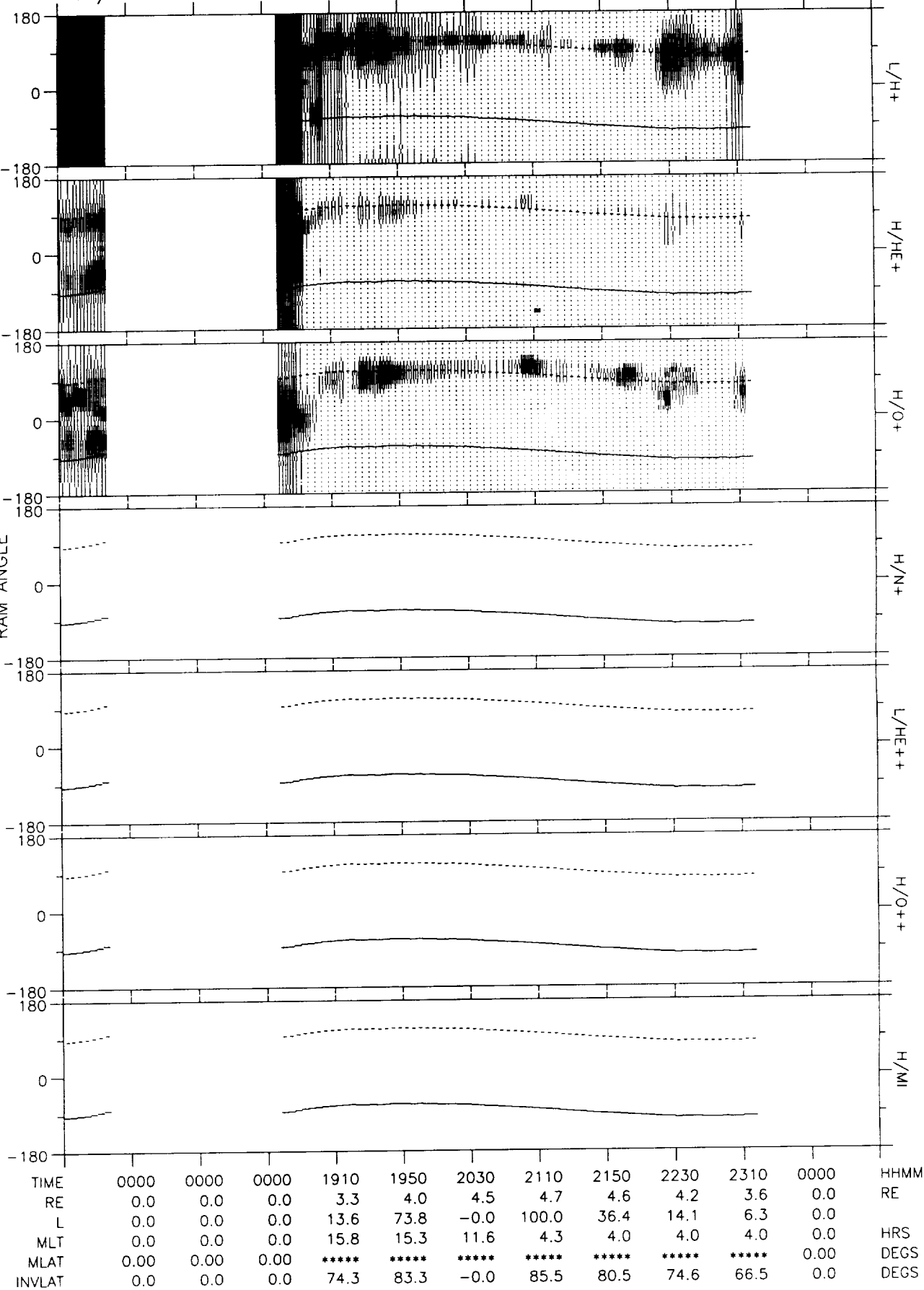
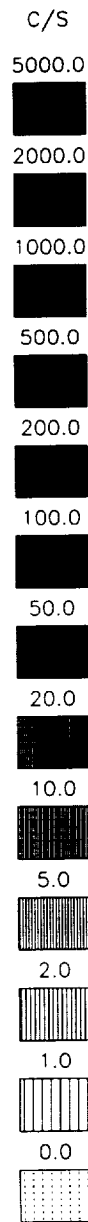
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Fri Nov 19 15:38:23 1993

82/356 22-DEC 0930:00 - 1730:00 HEAD= RL RPA= 0 to 1000 BIAS= A



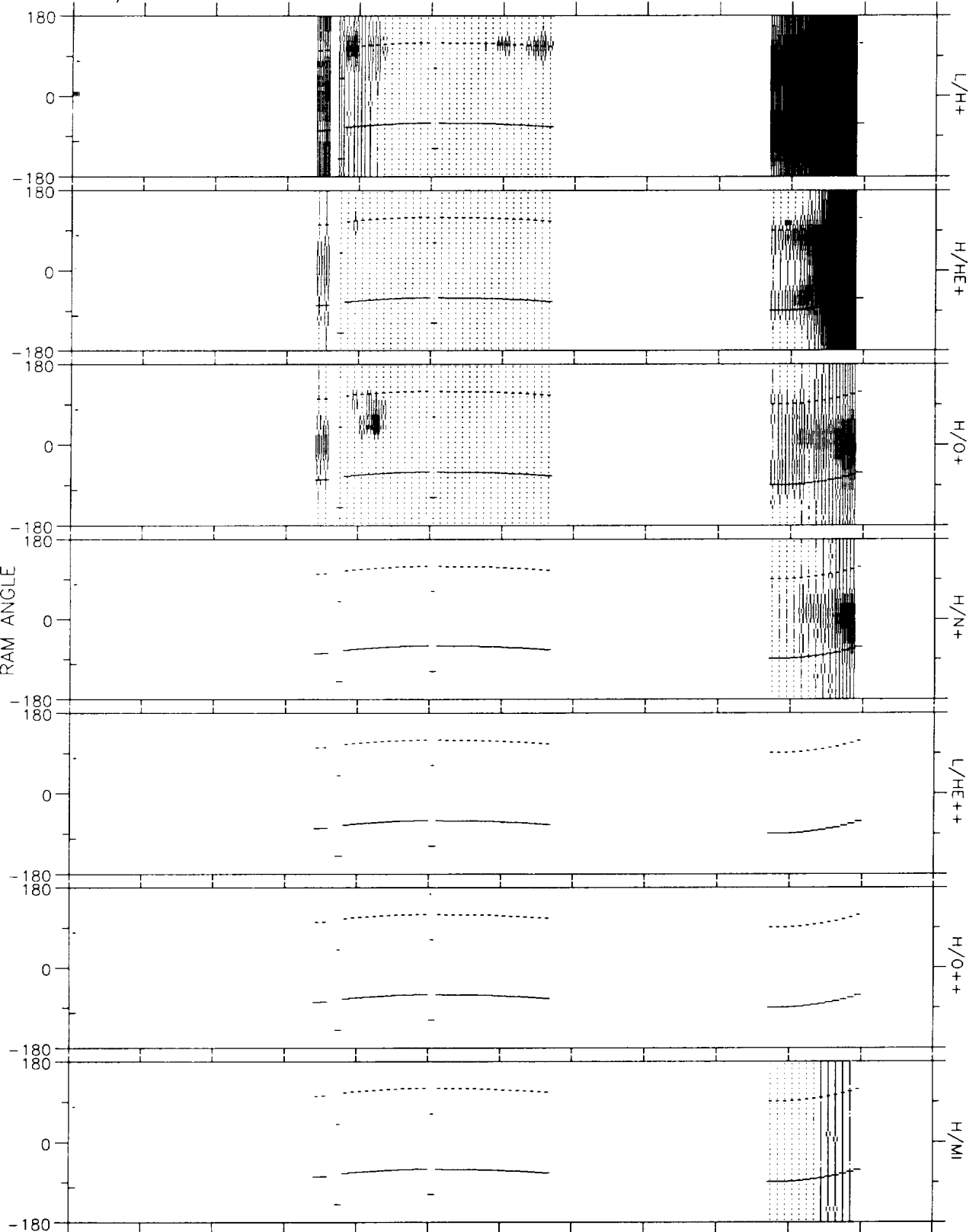
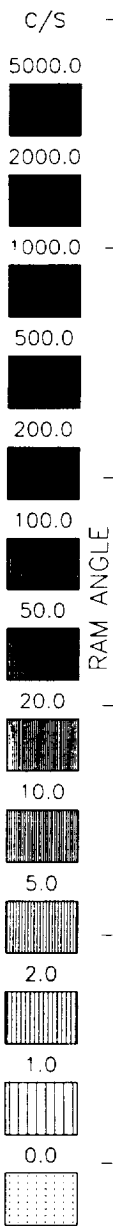
DE RIMS SPIN SUMMARY
SPIN_BAQUALL (V1.0)
Fri Nov 19 15:40:32 1995

82/356 22-DEC 1630:00 - 0030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN/RADIAL ALL (V1.0)
Fri Nov 19 15:42:17 1993

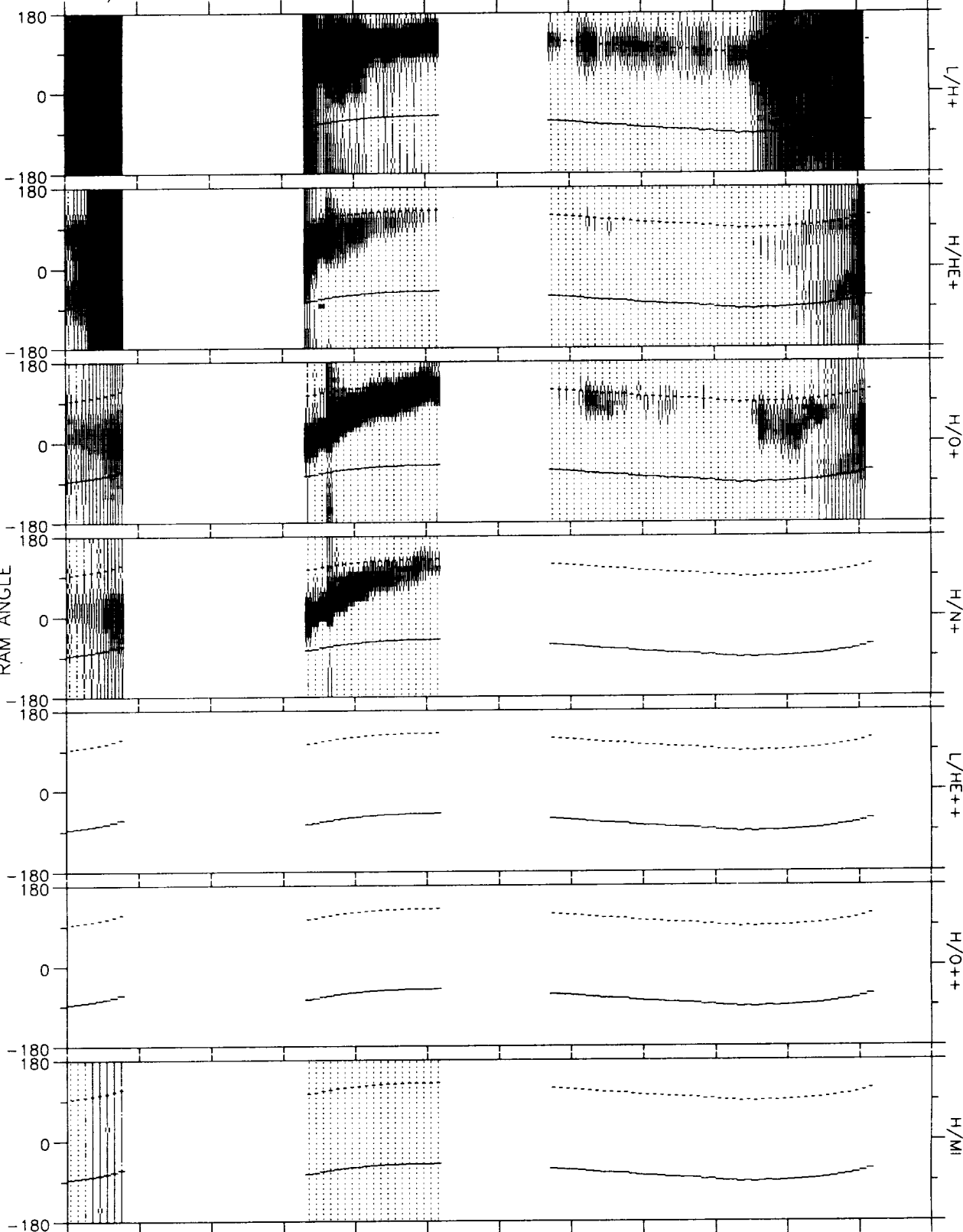
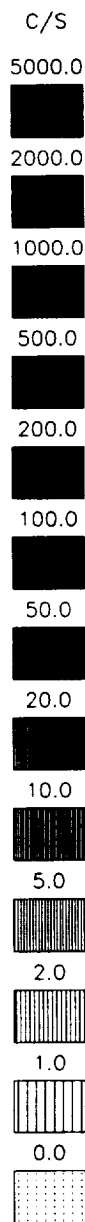
82/356 22-DEC 2315:00 - 0715:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0155	0235	0315	0000	0000	0000	0555	0000	HHMM
RE	0.0	0.0	0.0	3.1	3.9	4.4	0.0	0.0	0.0	3.7	0.0	RE
L	0.0	0.0	0.0	14.6	74.5	63.8	0.0	0.0	0.0	4.8	0.0	
MLT	0.0	0.0	0.0	17.9	20.8	1.1	0.0	0.0	0.0	4.5	0.0	HRS
MLAT	0.00	0.00	0.00	*****	*****	*****	0.00	0.00	0.00	*****	0.00	DEGS
INVLAT	0.0	0.0	0.0	74.9	83.3	82.8	0.0	0.0	0.0	62.8	0.0	DEGS

DE RIMS SPIN SUMMARY
SPINRADIAL-ALL (V1.0)
Fri Nov 19 15:43:52 1993

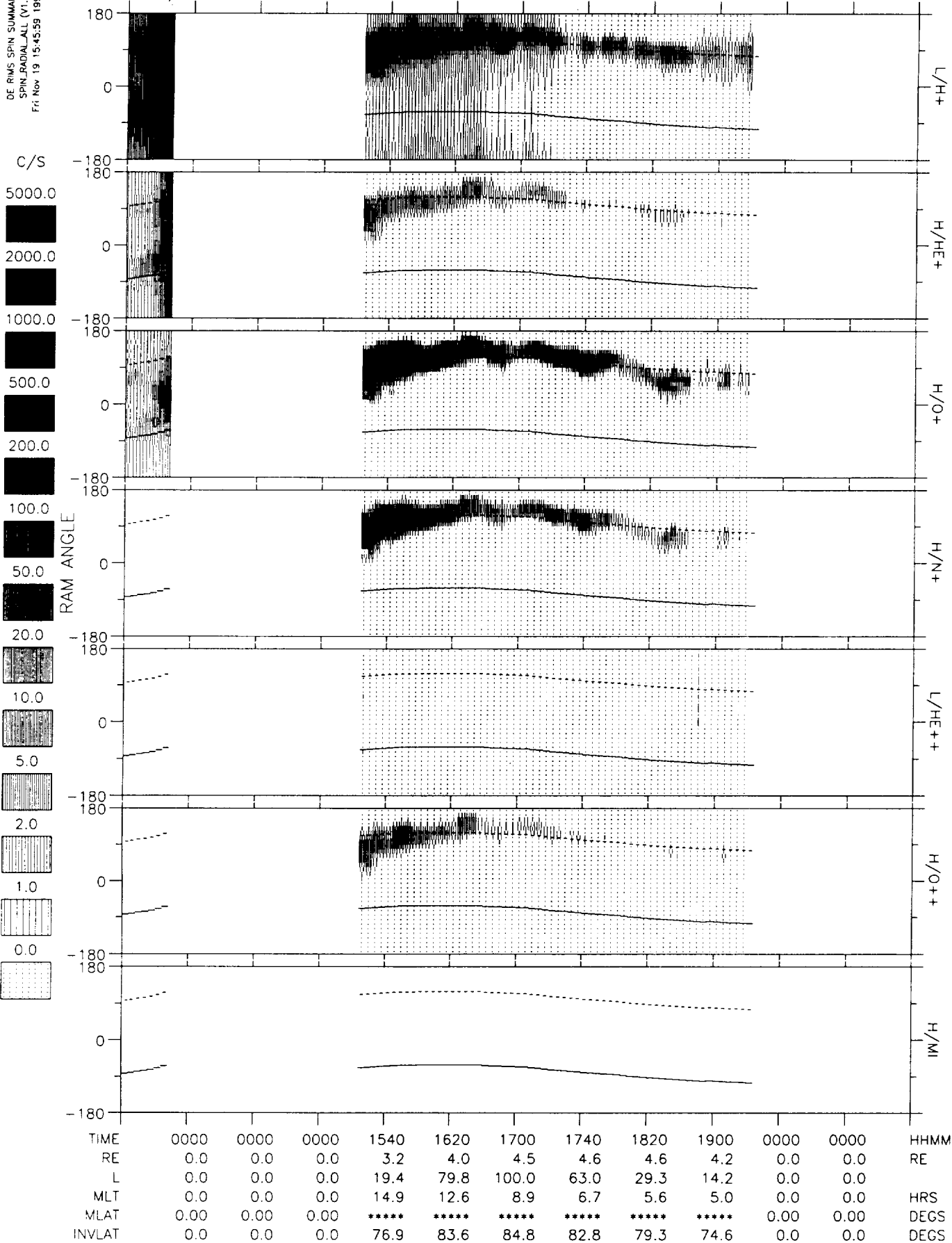
82/357 23-DEC 0600:00 - 1400:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0840	0920	0000	1040	1120	1200	1240	1320	HHMM
RE	0.0	0.0	0.0	3.0	3.9	0.0	4.6	4.6	4.3	3.8	2.9	RE
L	0.0	0.0	0.0	60.8	100.0	0.0	18.9	11.5	7.6	5.0	3.0	
MLT	0.0	0.0	0.0	17.4	5.2	0.0	5.5	5.5	5.4	5.2	5.0	HRS
MLAT	0.00	0.00	0.00	*****	*****	0.00	*****	*****	*****	*****	*****	DEGS
INVLAT	0.0	0.0	0.0	82.6	86.8	0.0	76.7	72.9	68.7	63.3	54.9	DEGS

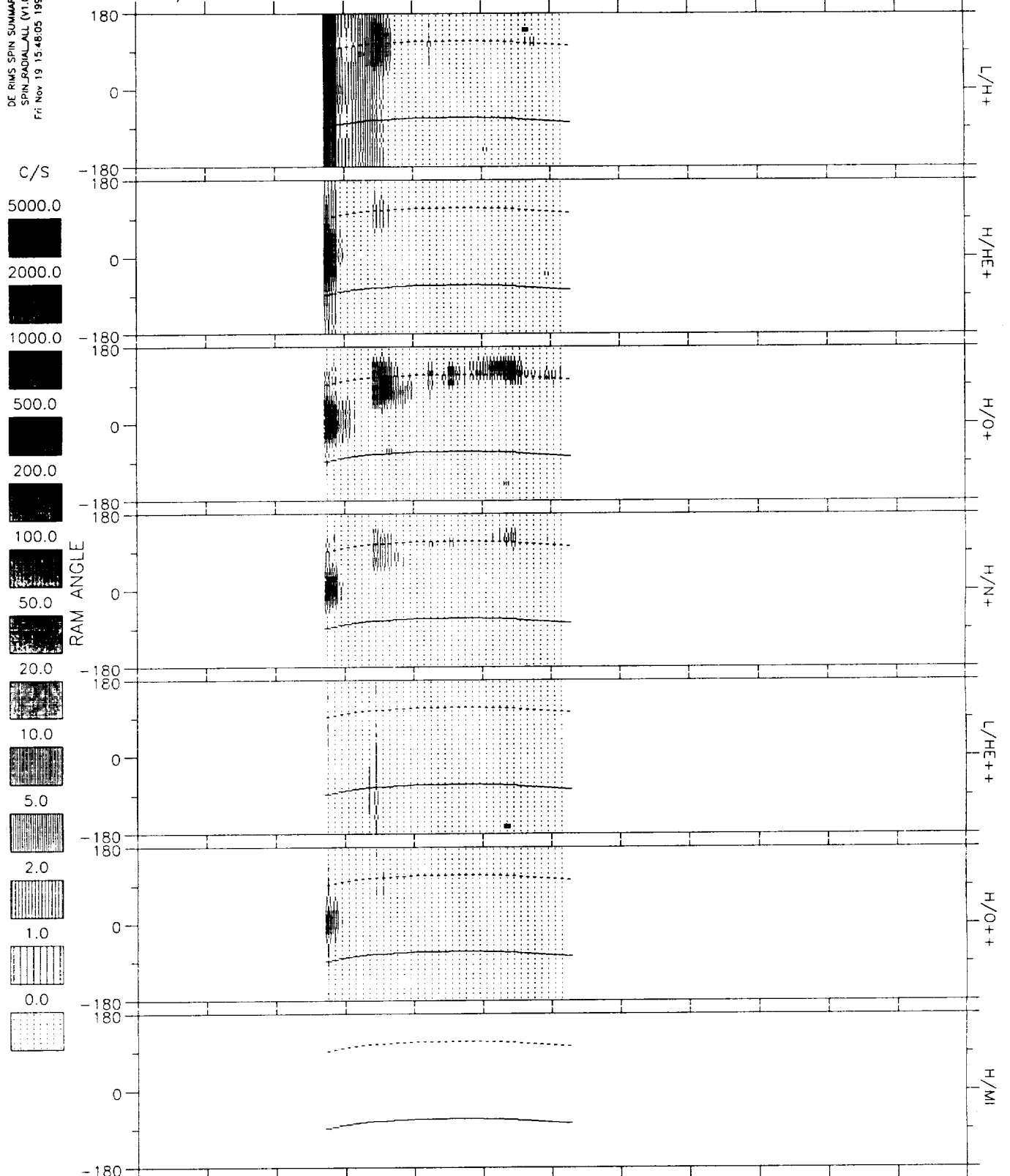
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Fri Nov 19 15:45:59 1993

82/357 23-DEC 1300:00 - 2100:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Fri Nov 19 15:48:05 1993

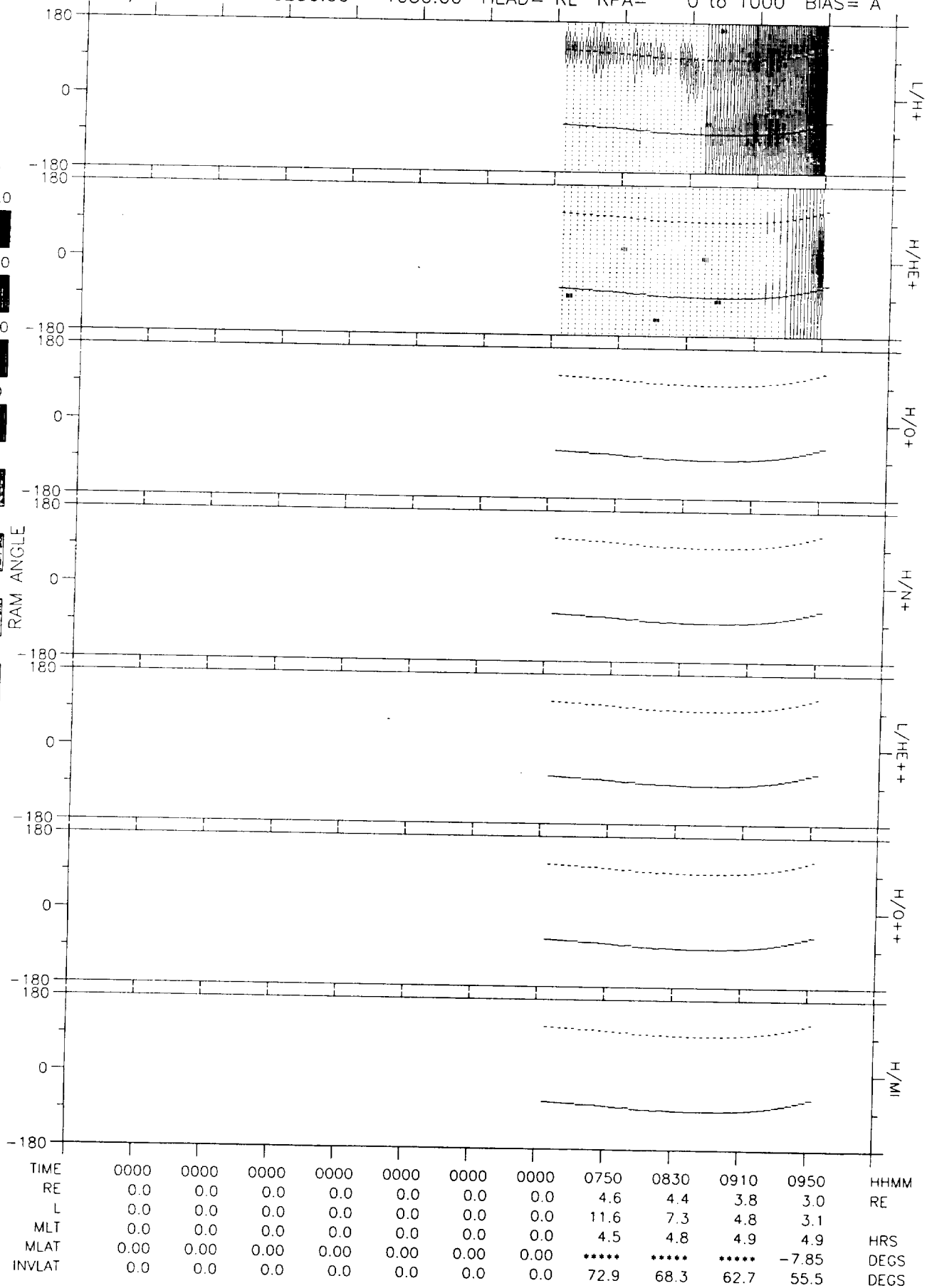
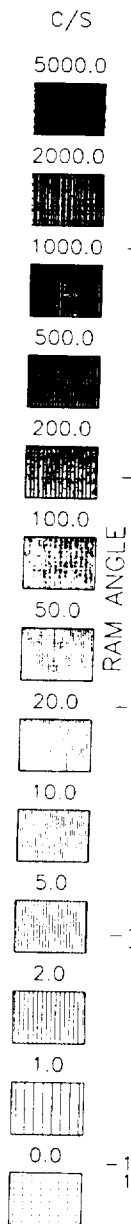
82/357 23-DEC 2015:00 - 0415:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	2215	2255	2335	0015	0000	0000	0000	0000	0000	HHMM
RE	0.0	0.0	2.8	3.7	4.3	4.6	0.0	0.0	0.0	0.0	0.0	RE
L	0.0	0.0	6.5	31.6	100.0	100.0	0.0	0.0	0.0	0.0	0.0	
MLT	0.0	0.0	16.6	17.3	20.3	1.3	0.0	0.0	0.0	0.0	0.0	HRS
MLAT	0.00	0.00	*****	*****	*****	*****	0.00	0.00	0.00	0.00	0.00	DEGS
INVLAT	0.0	0.0	66.9	79.8	85.8	84.3	0.0	0.0	0.0	0.0	0.0	DEGS

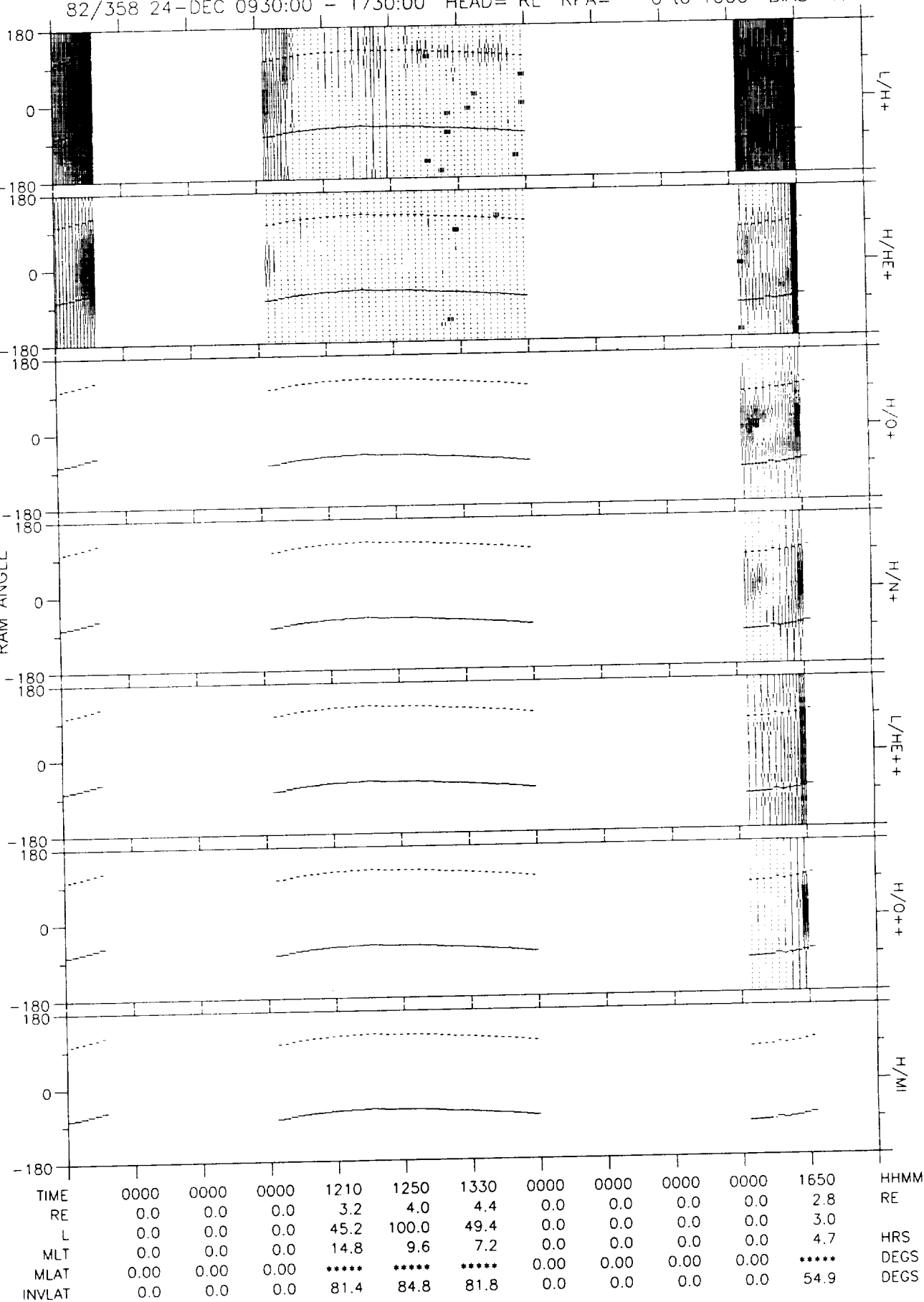
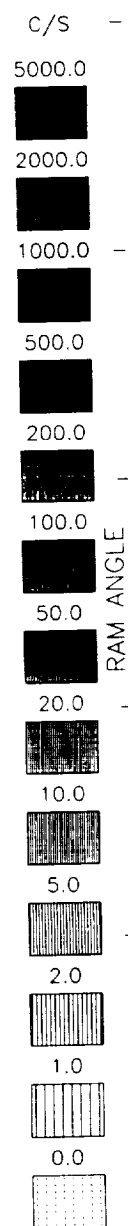
DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Tue Nov 23 11:00:50 1993

82/358 24-DEC 0230:00 - 1030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



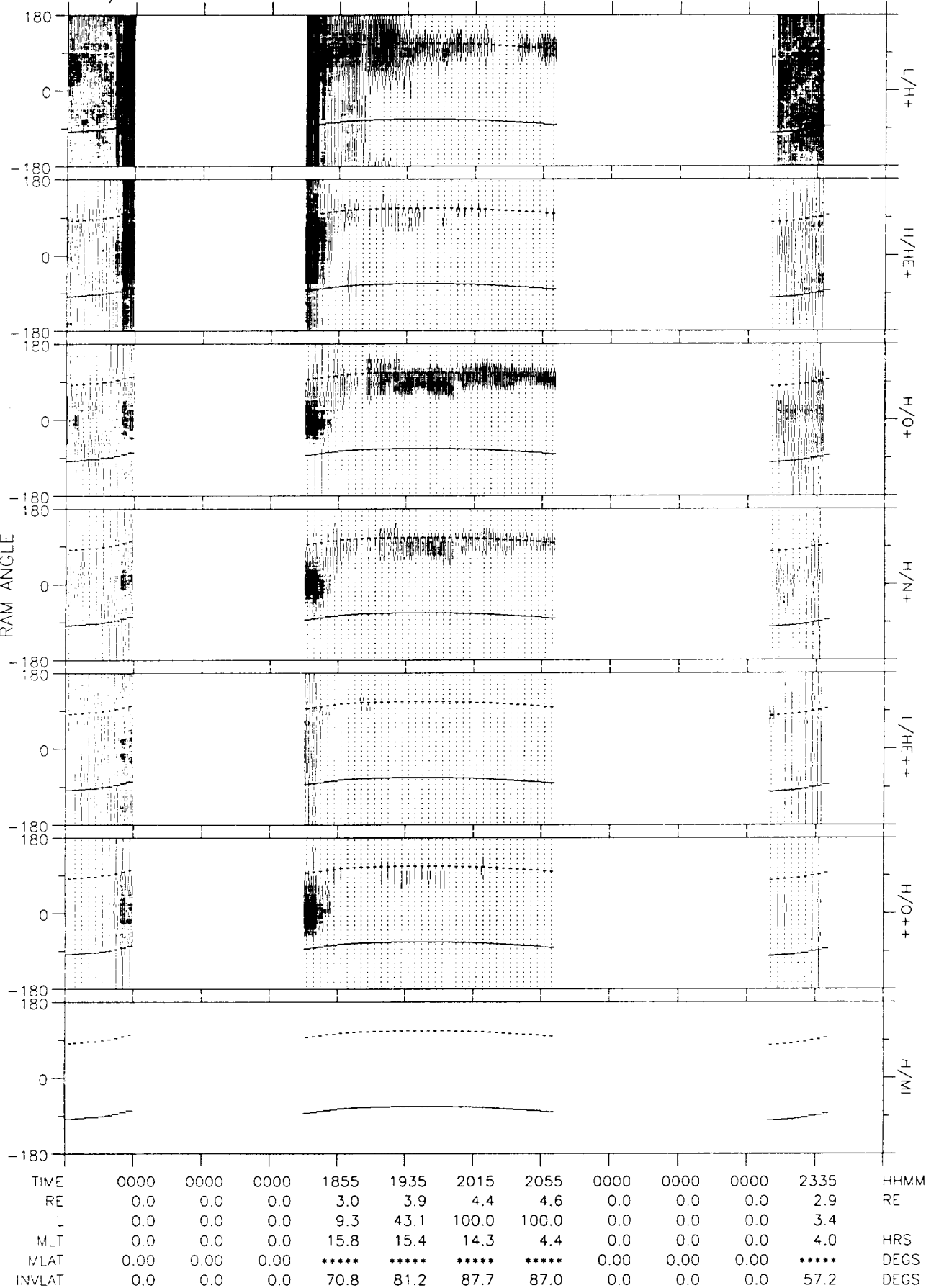
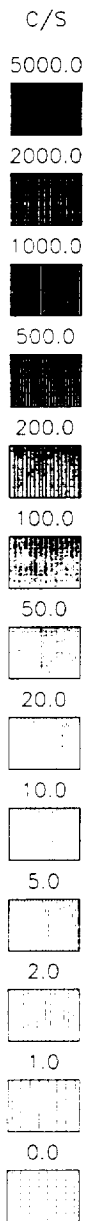
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Mon Nov 22 19:05:56 1993

82/358 24-DEC 0930:00 - 1730:00 HEAD= RL RPA= 0 to 1000 BIAS= A



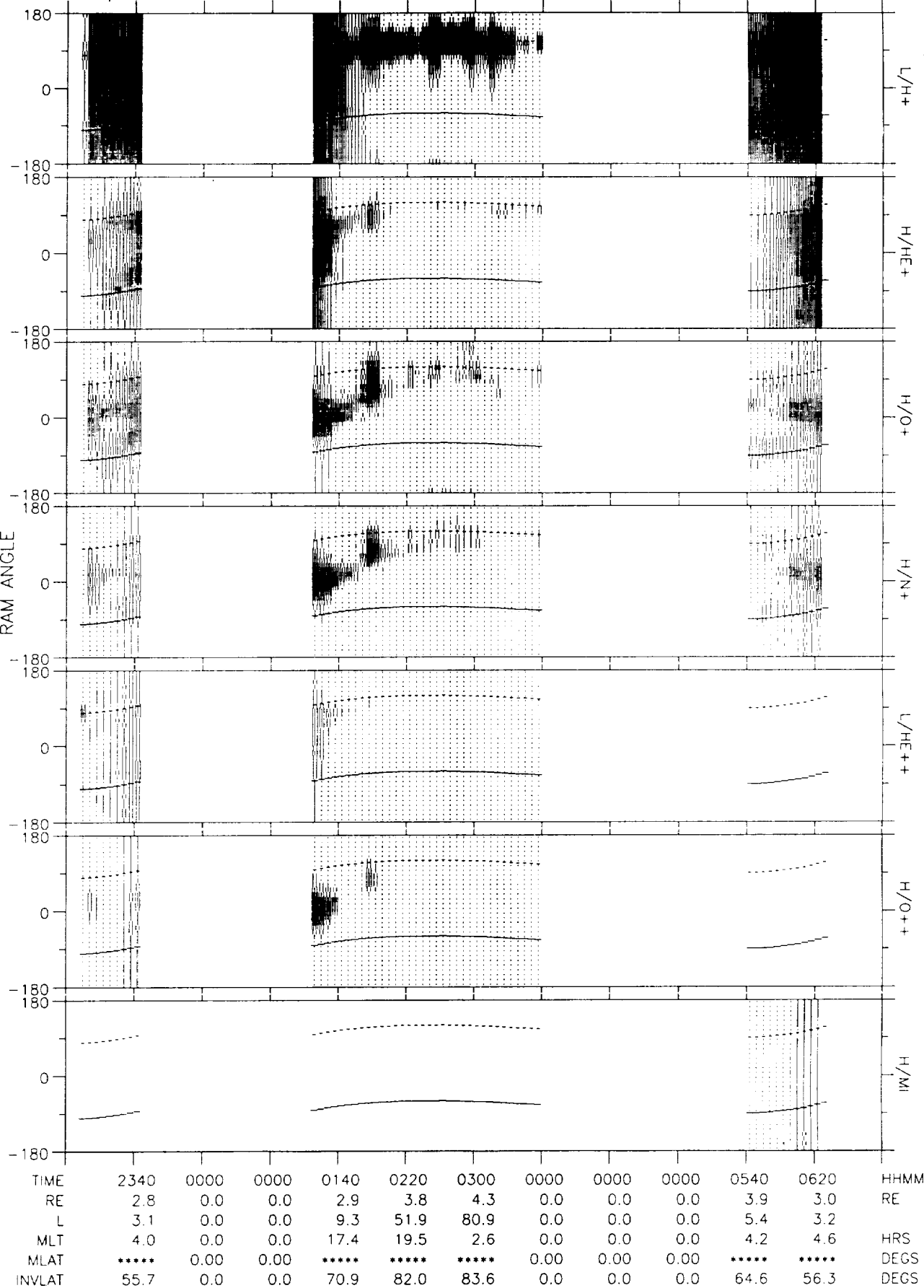
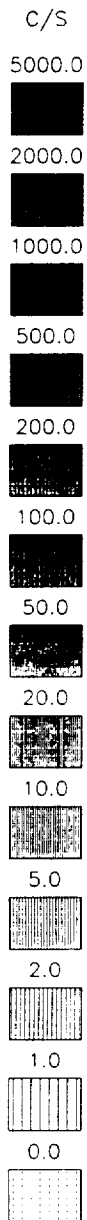
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Mon Nov 22 19:07:24 1993

82/358 24-DEC 1615:00 - 0015:00 HEAD= RL RPA= 0 to 1000 BIAS= A



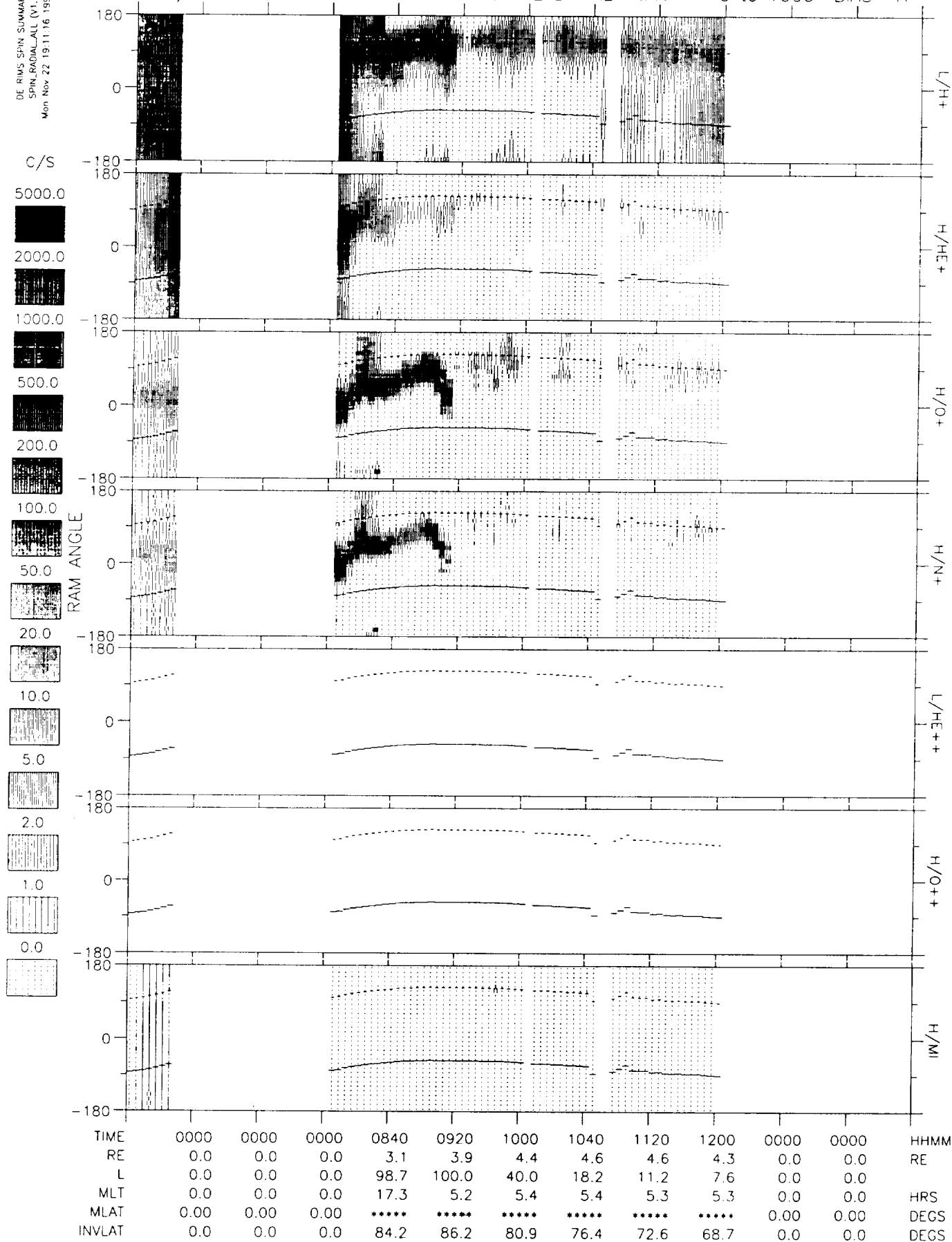
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Mon Nov 22 19:09:21 1993

82/358 24-DEC 2300:00 - 0700:00 HEAD= RL RPA= 0 to 1000 BIAS= A



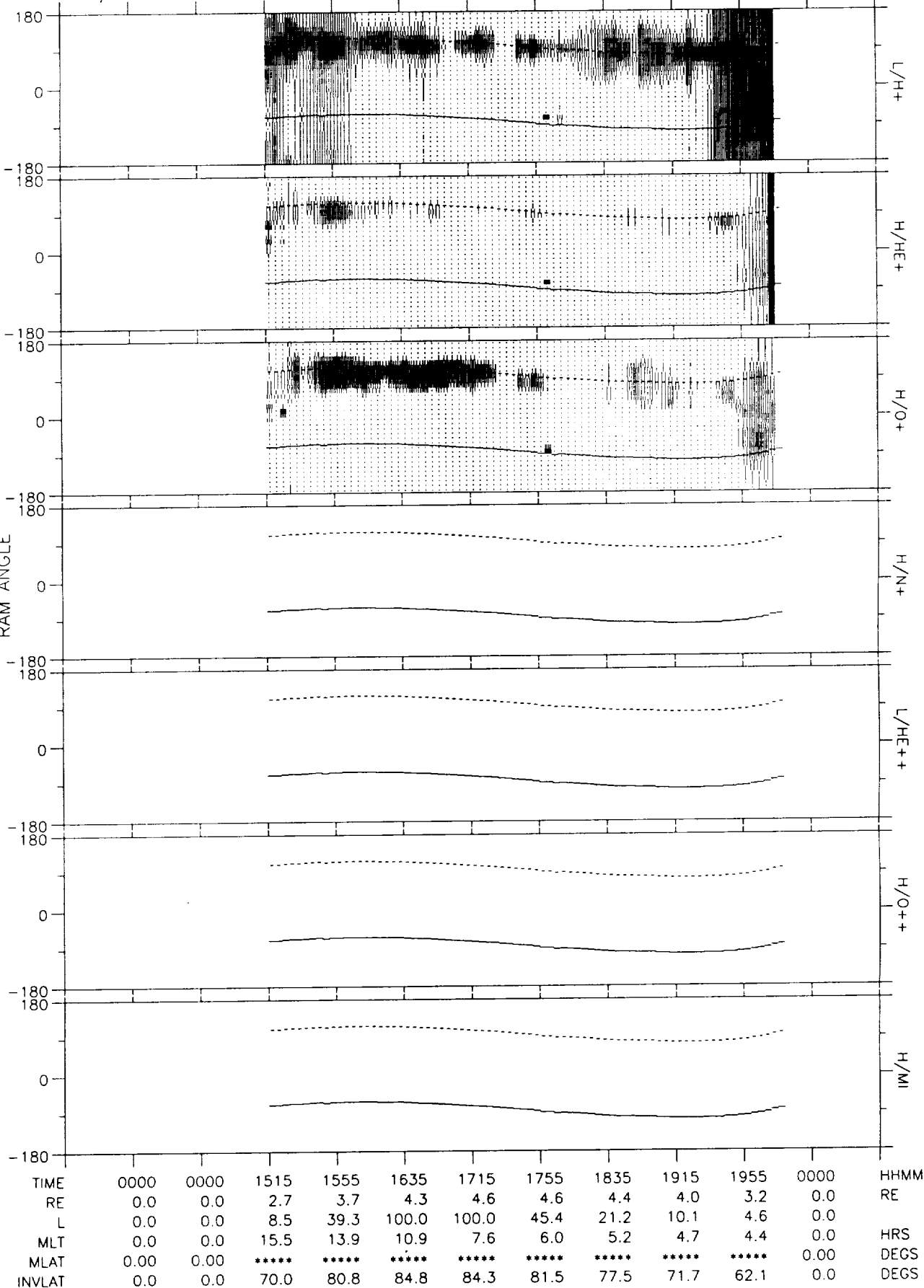
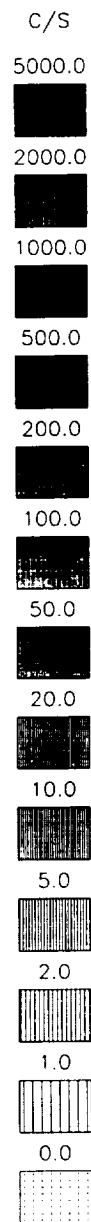
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Mon Nov 22 19:11:16 1993

82/359 25-DEC 0600:00 - 1400:00 HEAD= RL RPA= 0 to 1000 BIAS= A



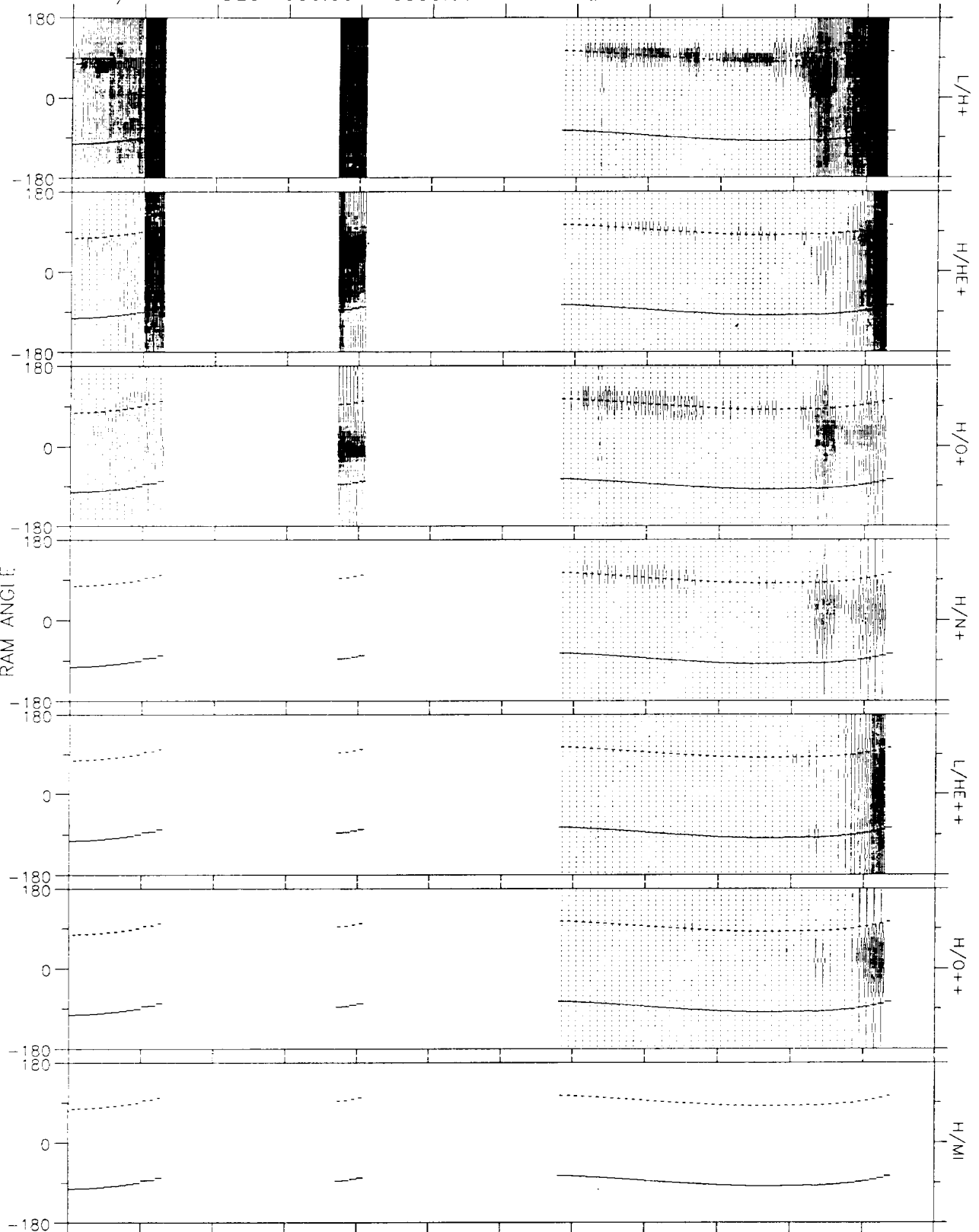
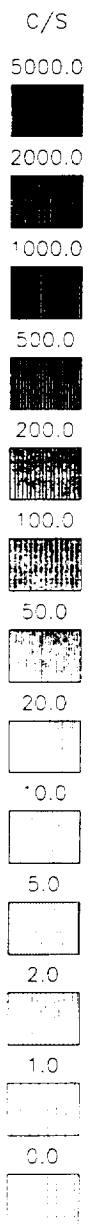
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Mon Nov 22 19:13:13 1993

82/359 25-DEC 1315:00 - 2115:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN-RADIAL-L (V1.0)
Mon Nov 22 19:14:45 1993

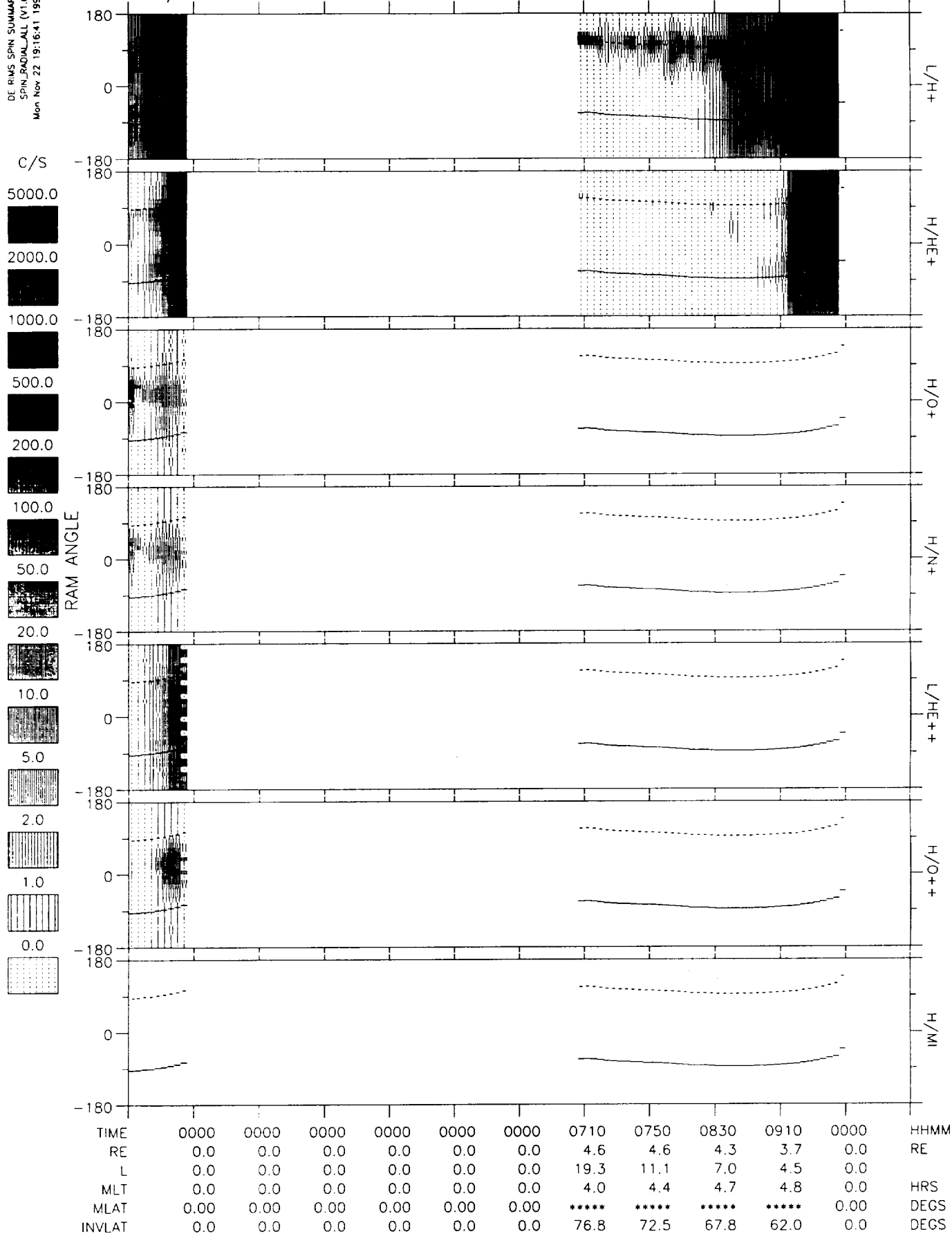
82/359 25-DEC 1930:00 - 0330:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	2010	0000	0000	2210	0000	0000	0010	0050	0130	0210	0250	HHMM
RE	2.8	0.0	0.0	2.8	0.0	0.0	4.6	4.6	4.4	3.9	3.1	RE
L	3.3	0.0	0.0	6.4	0.0	0.0	100.0	32.3	14.1	7.1	3.7	
MLT	4.3	0.0	0.0	16.4	0.0	0.0	1.1	2.5	3.1	3.5	4.0	HRS
MLAT	****	0.00	0.00	****	0.00	0.00	****	****	****	****	****	DEGS
INVLAT	56.5	0.0	0.0	66.8	0.0	0.0	84.4	79.9	74.5	68.0	58.6	DEGS

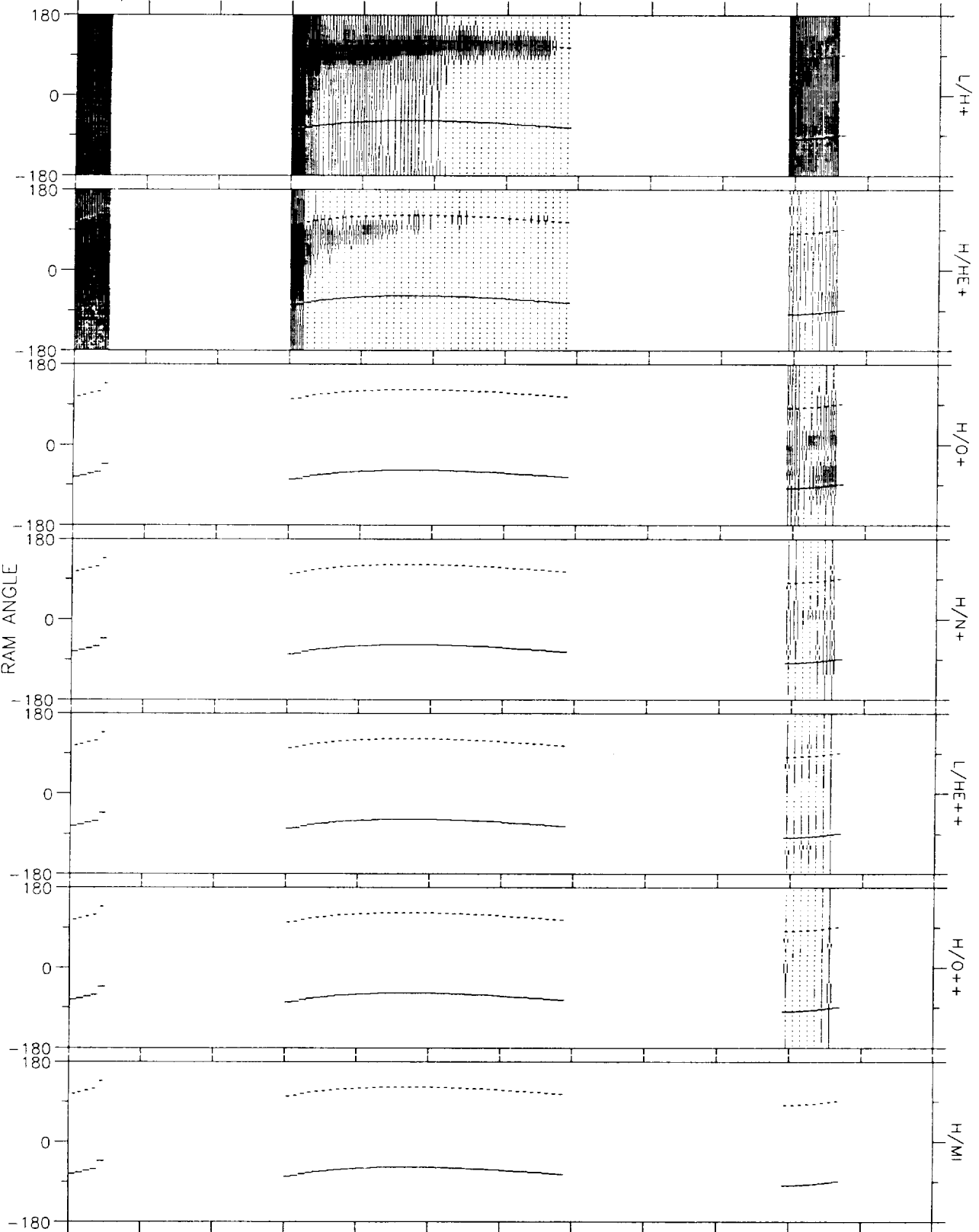
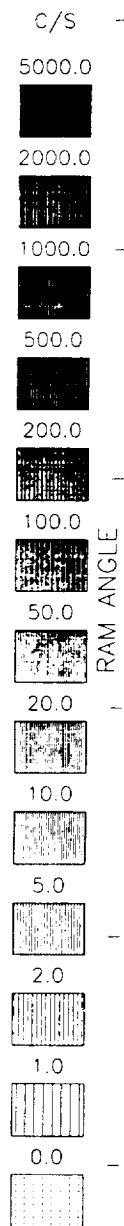
DE RMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Mon Nov 22 19:16:41 1993

82/360 26-DEC 0230:00 - 1030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DC RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Mon Nov 22 19:18:22 1993

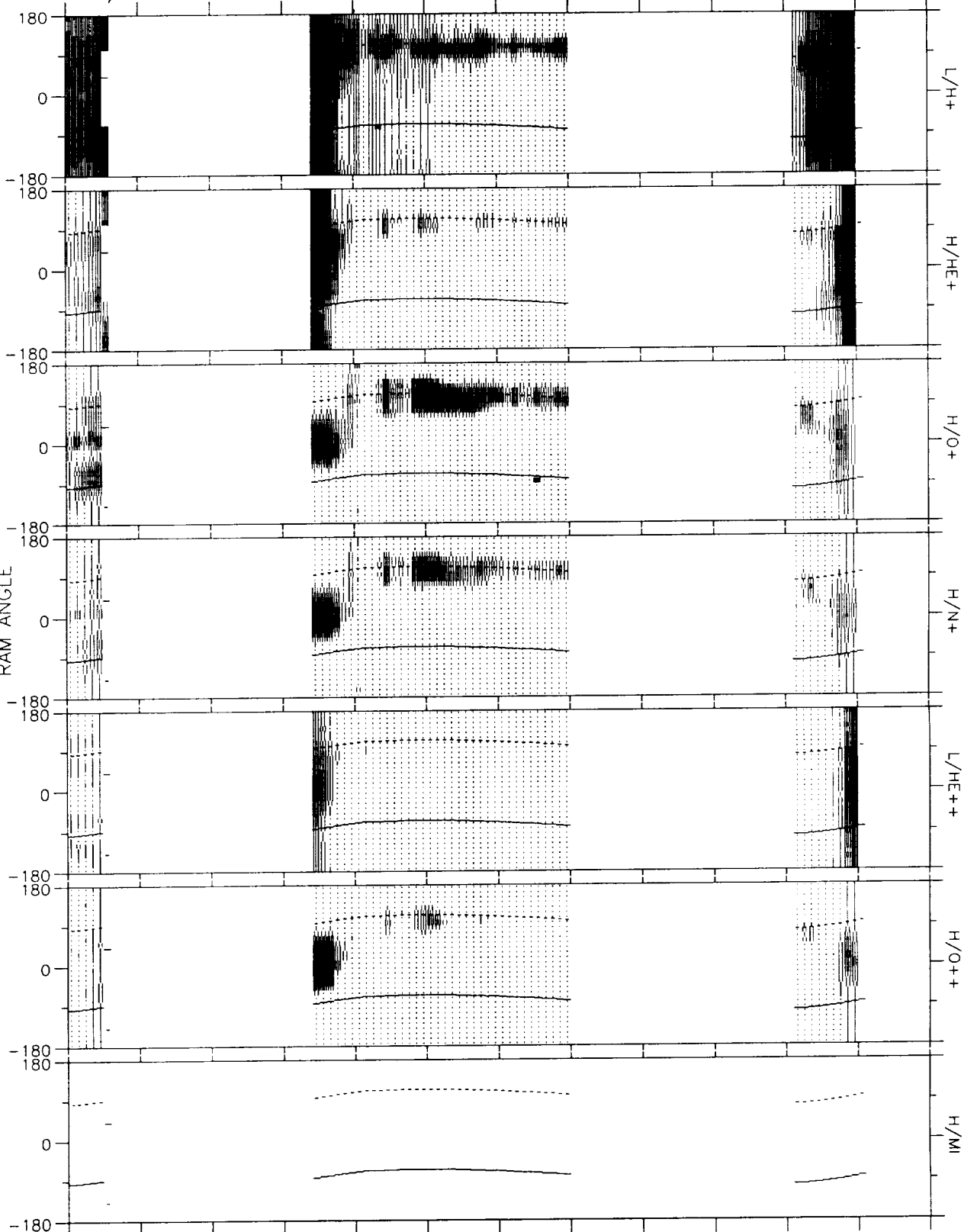
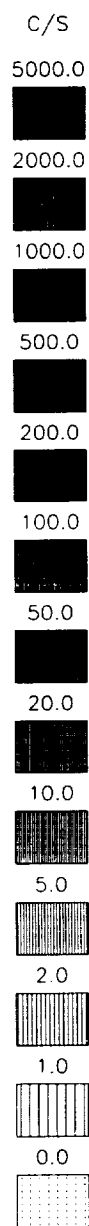
82/360 26-DEC 0930:00 - 1730:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	1130	1210	1250	1330	0000	0000	0000	1610	0000	HHMM
RE	0.0	0.0	2.2	3.3	4.1	4.5	0.0	0.0	0.0	3.6	0.0	RE
L	0.0	0.0	5.3	56.6	100.0	47.3	0.0	0.0	0.0	5.4	0.0	
MLT	0.0	0.0	16.2	14.3	9.2	7.0	0.0	0.0	0.0	4.9	0.0	HRS
MLAT	0.00	0.00	*****	*****	*****	*****	0.00	0.00	0.00	*****	0.00	DEGS
INVLAT	0.0	0.0	64.2	82.4	84.6	81.6	0.0	0.0	0.0	64.4	0.0	DEGS

DE RIMS SPIN SUMMARY
SPIN-RADIAL-ALL (V1.0)
Mon Nov 22 19:19:58 1993

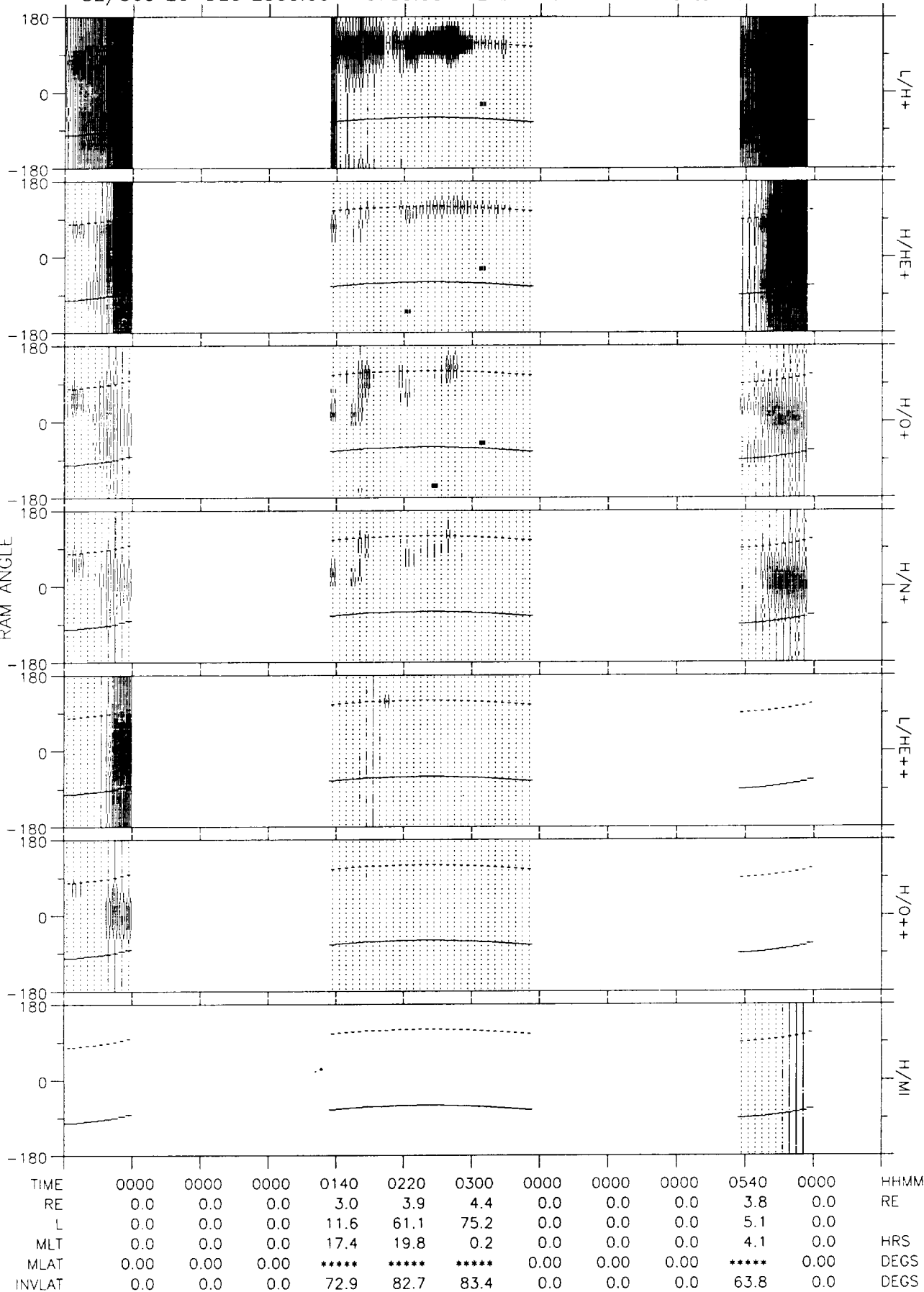
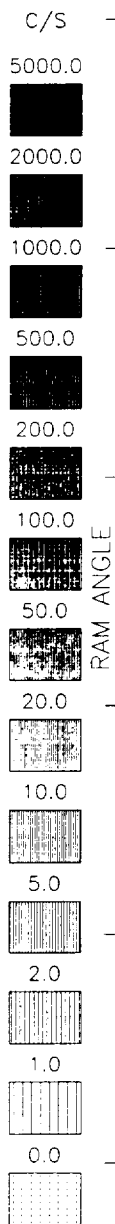
82/360 26-DEC 1615:00 - 0015:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	1855	1935	2015	0000	0000	0000	0000	2335	HHMM
RE	0.0	0.0	0.0	3.2	4.0	4.4	0.0	0.0	0.0	0.0	2.7	RE
L	0.0	0.0	0.0	10.9	51.0	100.0	0.0	0.0	0.0	0.0	3.1	L
MLT	0.0	0.0	0.0	15.6	15.3	14.1	0.0	0.0	0.0	0.0	3.9	HRS
MLAT	0.00	0.00	0.00	*****	*****	*****	0.00	0.00	0.00	0.00	*****	DEGS
INVLAT	0.0	0.0	0.0	72.3	81.9	88.1	0.0	0.0	0.0	0.0	55.6	DEGS

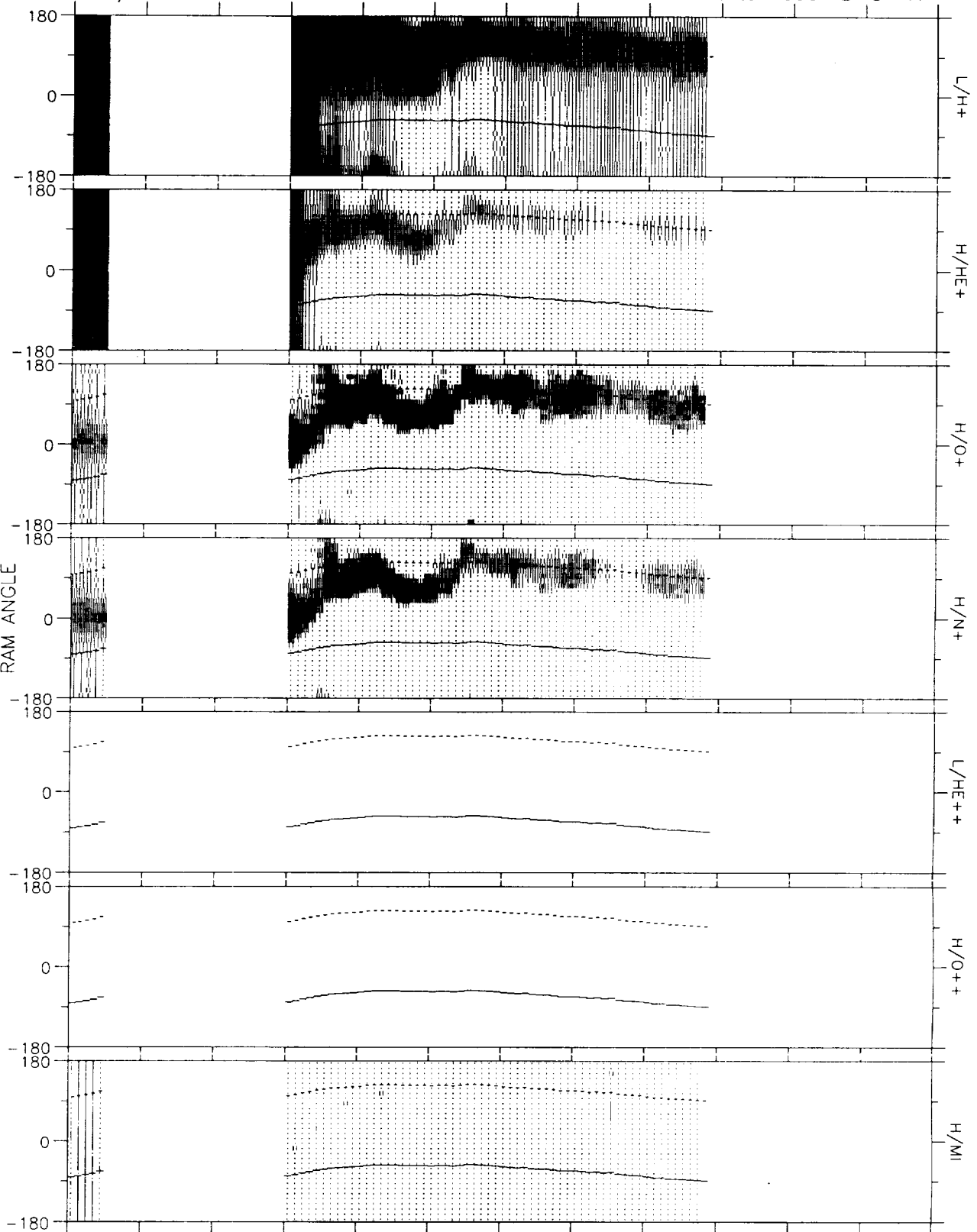
DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Mon Nov 22 19:21:46 1993

82/360 26-DEC 2300:00 - 0700:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RUS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Mon Nov 22 19:34:17 1993

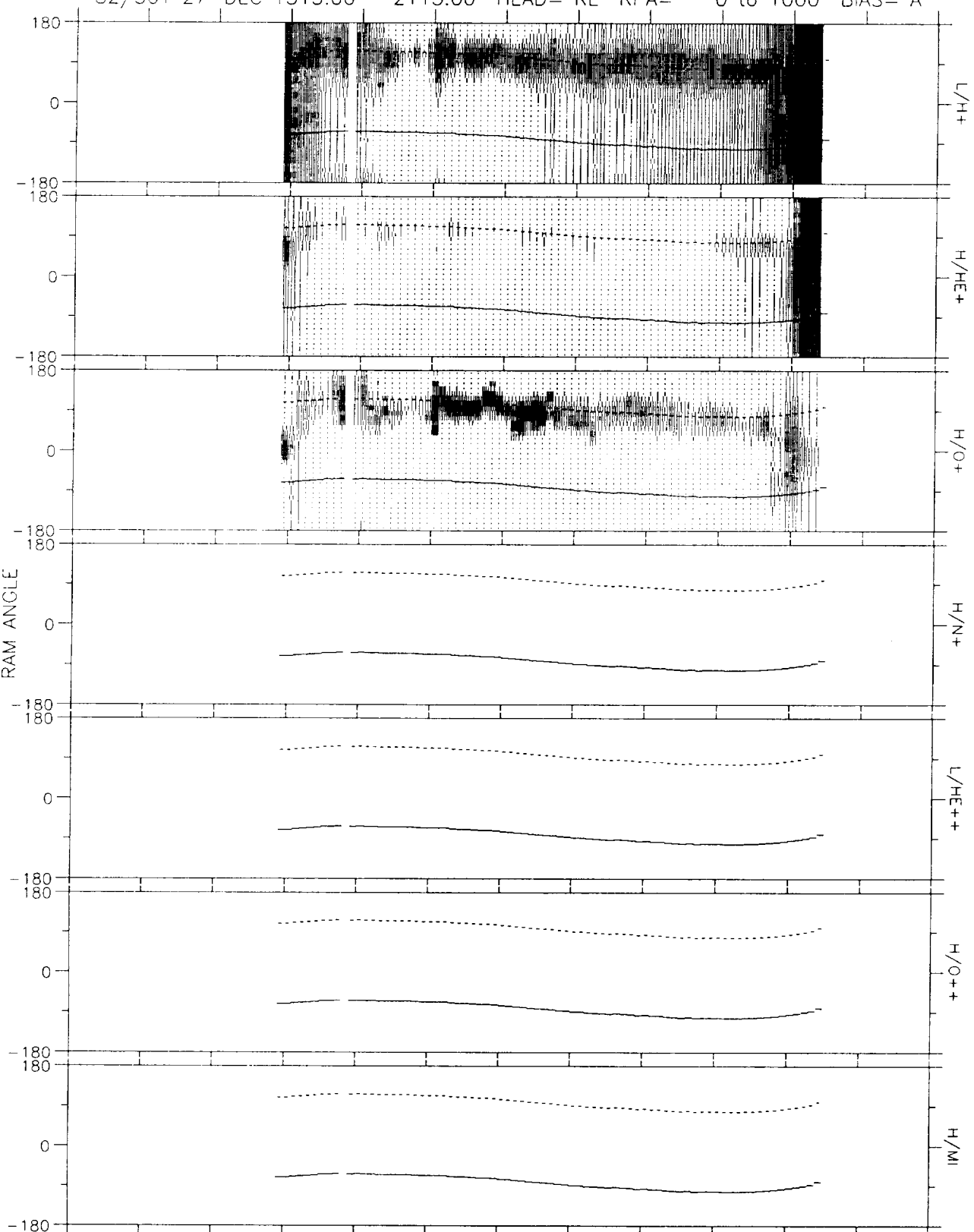
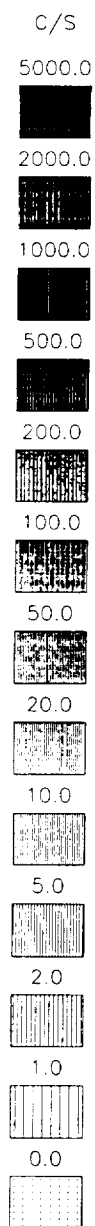
82/361 27-DEC 0600:00 - 1400:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0800	0840	0920	1000	1040	1120	0000	0000	0000	HHMM
RE	0.0	0.0	2.1	3.3	4.0	4.5	4.7	4.6	0.0	0.0	0.0	RE
L	0.0	0.0	5.2	100.0	100.0	35.2	17.6	10.8	0.0	0.0	0.0	
MLT	0.0	0.0	16.9	17.1	5.2	5.3	5.3	5.2	0.0	0.0	0.0	HRS
MLAT	0.00	0.00	*****	*****	*****	*****	*****	*****	0.00	0.00	0.00	DEGS
INVLAT	0.0	0.0	63.8	85.7	85.6	80.3	76.2	72.3	0.0	0.0	0.0	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Mon Nov 22 19:36:18 1993

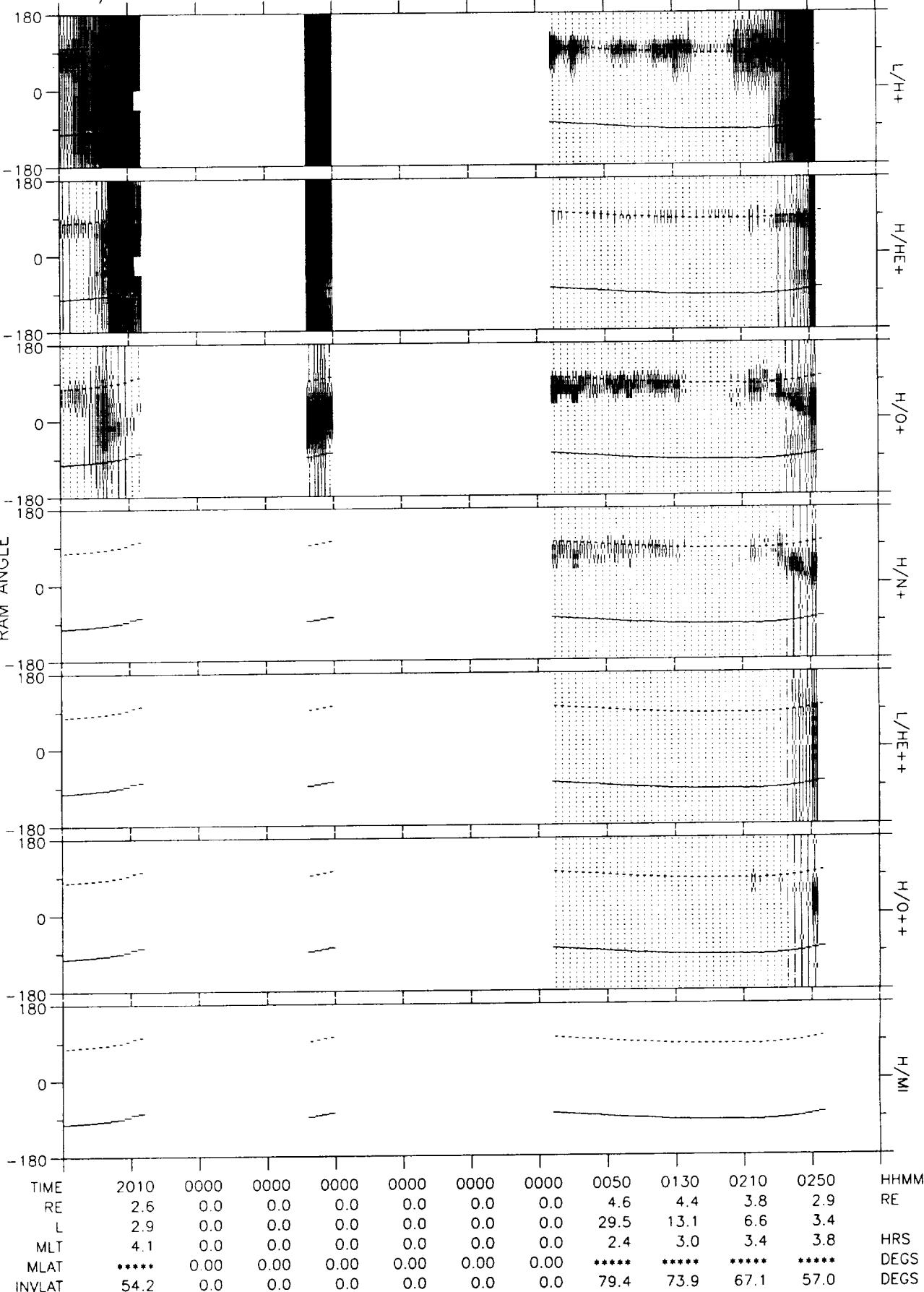
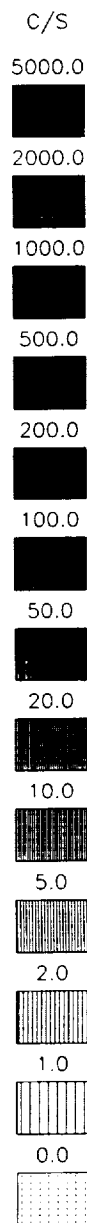
82/361 27-DEC 1315:00 - 2115:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	1515	1555	1635	1715	1755	1835	1915	1955	0000	HHMM
RE	0.0	0.0	2.9	3.8	4.3	4.6	4.6	4.4	3.9	3.0	0.0	RE
L	0.0	0.0	10.2	43.0	100.0	98.8	43.8	20.1	9.4	4.1	0.0	
MLT	0.0	0.0	15.2	13.7	10.5	7.3	5.7	4.9	4.5	4.2	0.0	HRS
MLAT	0.00	0.00	*****	*****	*****	*****	*****	*****	*****	*****	0.00	DEGS
INVLAT	0.0	0.0	71.8	81.2	85.0	84.2	81.3	77.1	71.0	60.5	0.0	DEGS

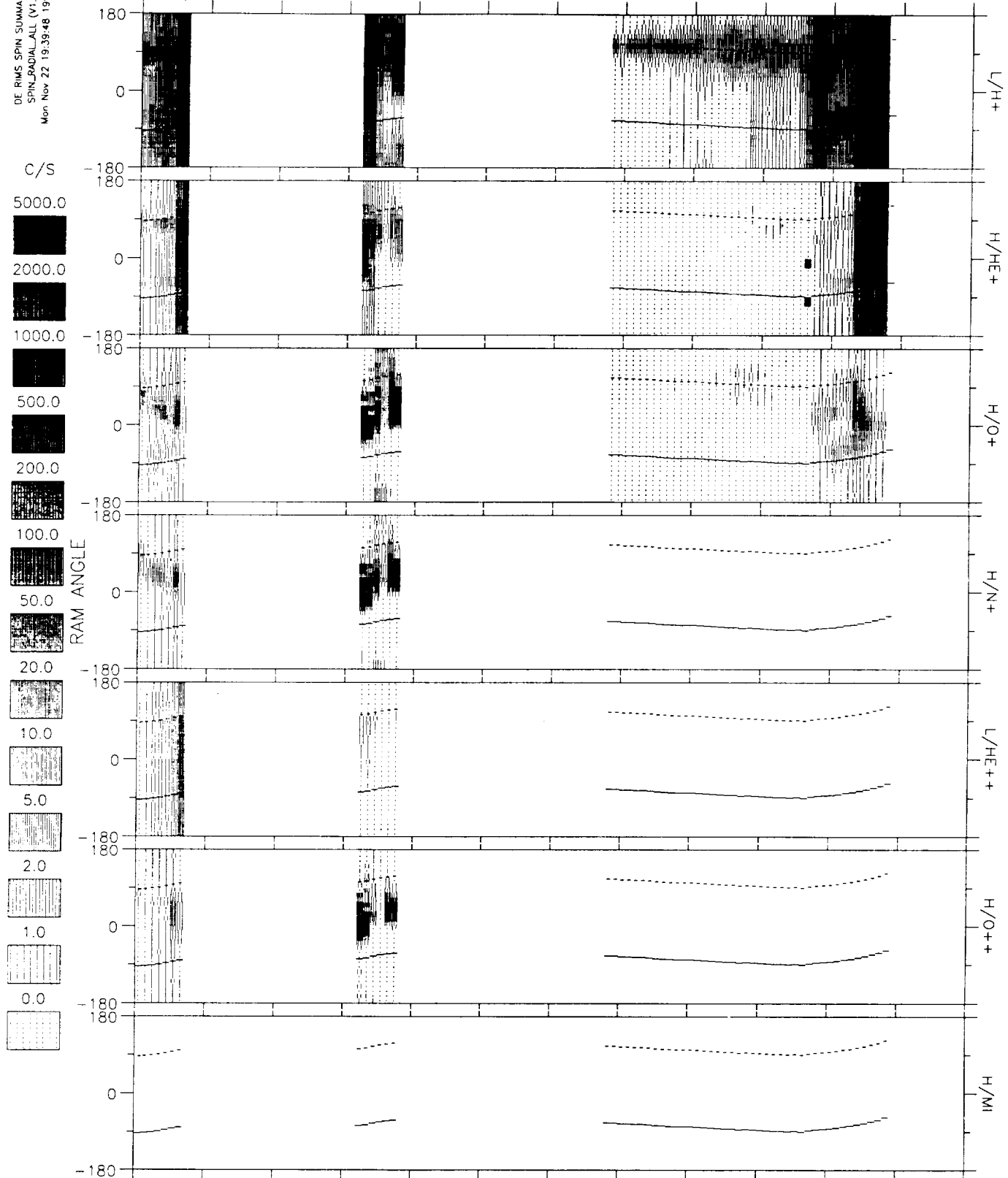
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Mon Nov 22 19:37:57 1993

82/361 27-DEC 1930:00 - 0330:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Mon Nov 22 19:39:48 1993

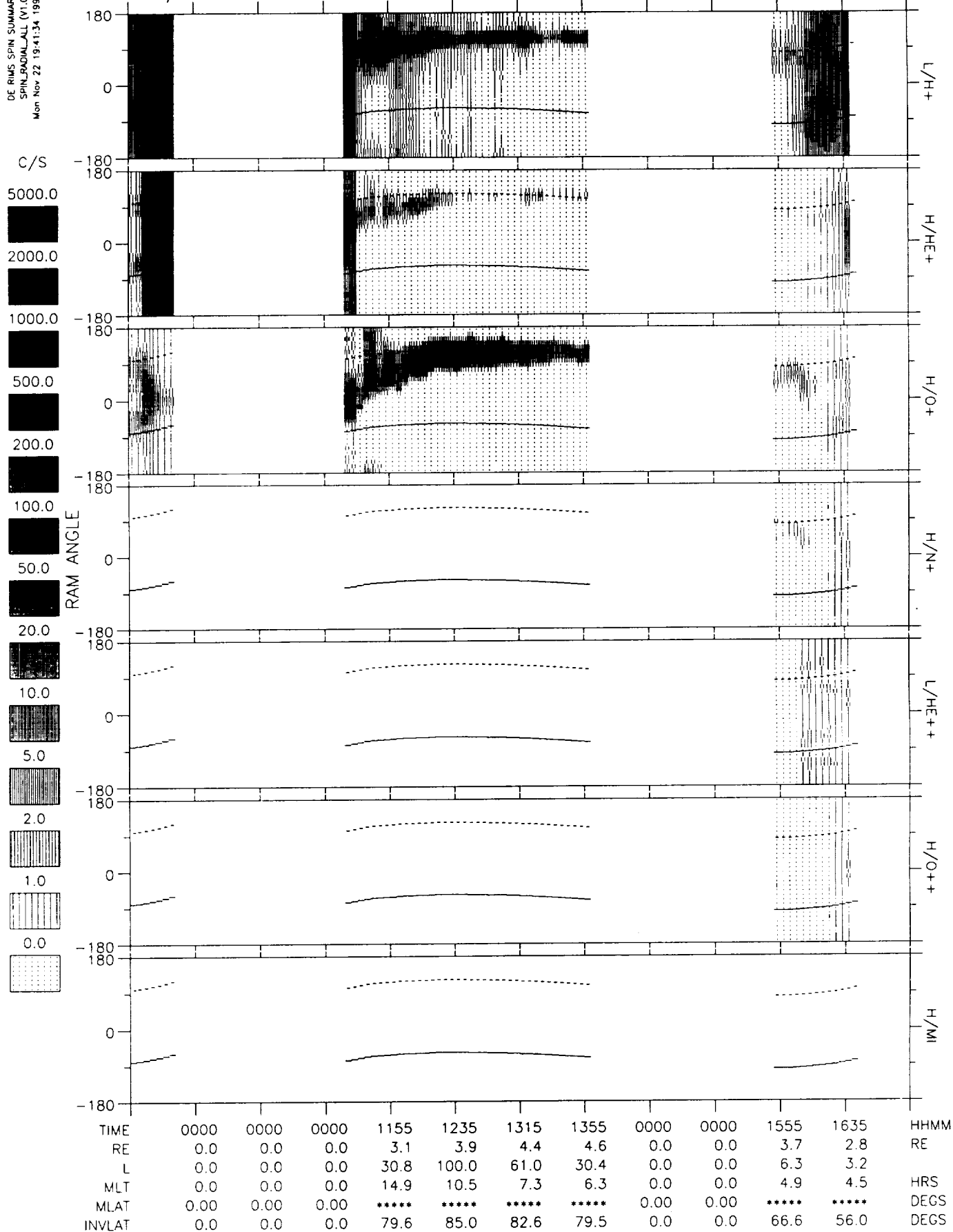
82/362 28-DEC 0230:00 - 1030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0000	0000	0000	0710	0750	0830	0910	0000	HHMM
RE	0.0	0.0	0.0	0.0	0.0	0.0	4.6	4.6	4.2	3.6	0.0	RE
L	0.0	0.0	0.0	0.0	0.0	0.0	18.3	10.6	6.7	4.3	0.0	
MLT	0.0	0.0	0.0	0.0	0.0	0.0	3.9	4.3	4.5	4.7	0.0	HRS
MLAT	0.00	0.00	0.00	0.00	0.00	0.00	*****	*****	*****	*****	0.00	DEGS
INVLAT	0.0	0.0	0.0	0.0	0.0	0.0	76.5	72.1	67.3	61.1	0.0	DEGS

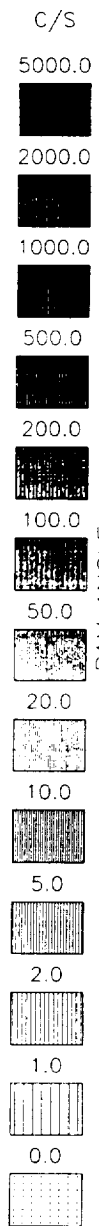
DE RUS SPIN SUMMARY
SPIN/DOALL (V1.0)
Mon Nov 22 19:41:34 1993

82/362 28-DEC 0915:00 - 1715:00 HEAD= RL RPA= 0 to 1000 BIAS= A

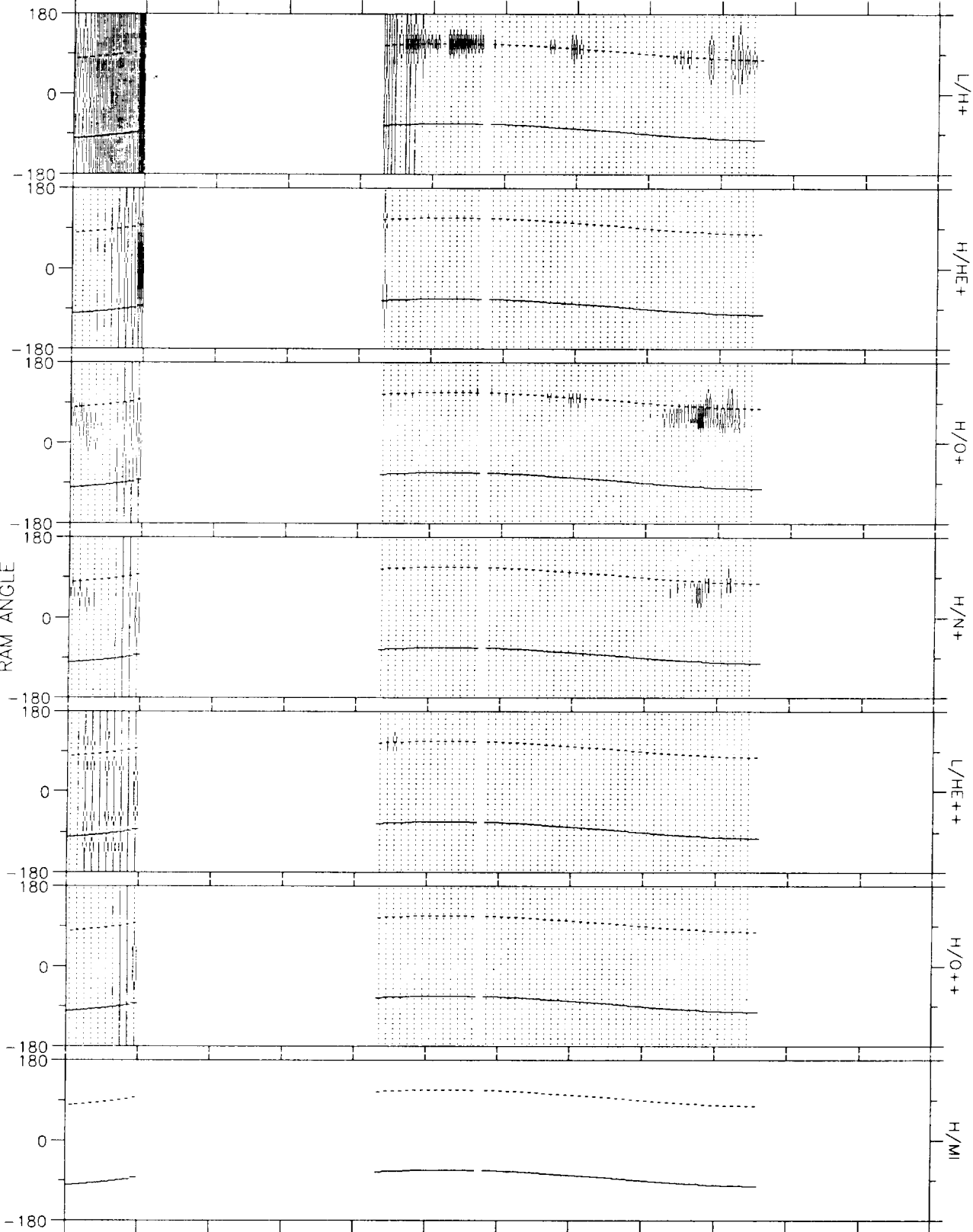


DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Mon Nov 22 19:43:14 1993

82/362 28-DEC 1600:00 - 0000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



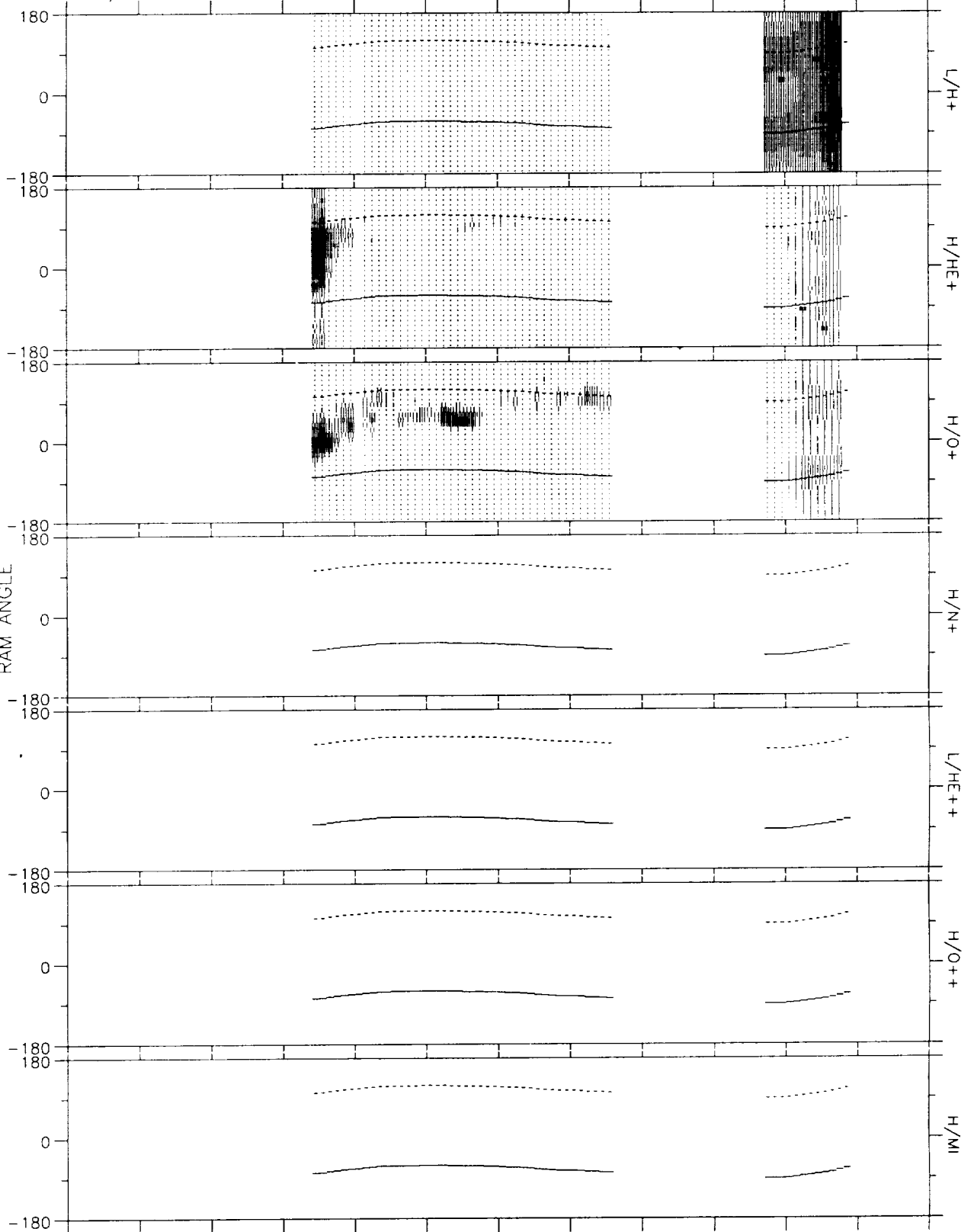
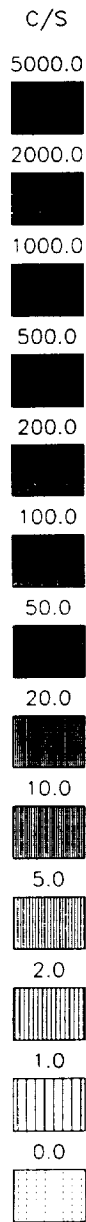
RAM ANGLE



TIME	0000	0000	0000	0000	1920	2000	2040	2120	2200	0000	0000	HHMM
RE	0.0	0.0	0.0	0.0	3.8	4.4	4.6	4.6	4.4	0.0	0.0	RE
L	0.0	0.0	0.0	0.0	31.9	100.0	100.0	69.0	21.4	0.0	0.0	
MLT	0.0	0.0	0.0	0.0	15.3	14.8	4.1	3.5	3.4	0.0	0.0	HRS
MLAT	0.00	0.00	0.00	0.00	*****	*****	*****	*****	*****	0.00	0.00	DEGS
INVLAT	0.0	0.0	0.0	0.0	79.8	86.5	88.1	83.1	77.5	0.0	0.0	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Mon Nov 22 19:44:52 1993

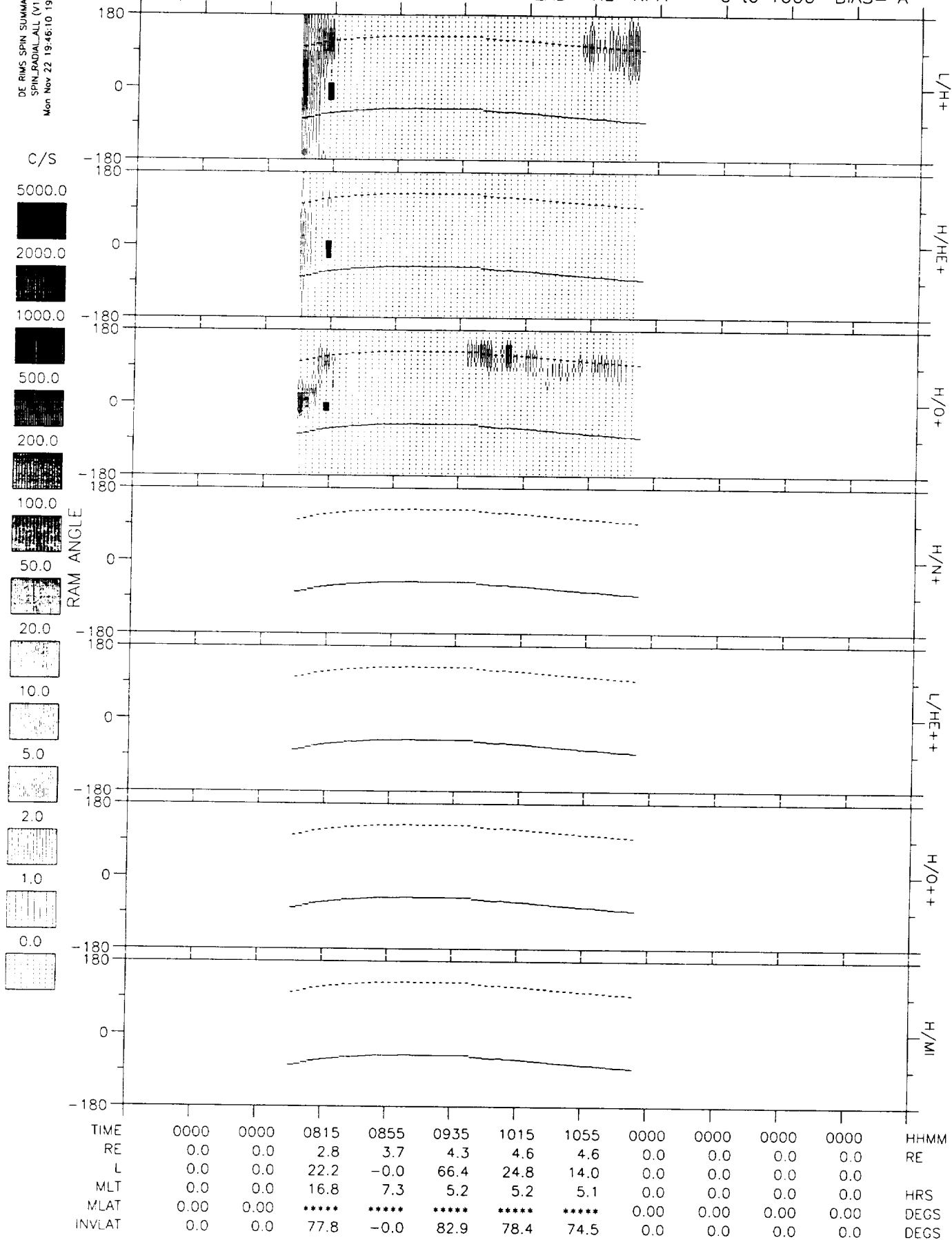
82/362 28-DEC 2300:00 - 0700:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0140	0220	0300	0340	0000	0000	0540	0000	HHMM
RE	0.0	0.0	0.0	3.1	4.0	4.4	4.6	0.0	0.0	3.7	0.0	RE
L	0.0	0.0	0.0	12.0	70.0	69.5	28.5	0.0	0.0	4.8	0.0	
MLT	0.0	0.0	0.0	17.3	20.0	0.4	2.3	0.0	0.0	4.0	0.0	HRS
MLAT	0.00	0.00	0.00	*****	*****	*****	*****	0.00	0.00	*****	0.00	DEGS
INVLAT	0.0	0.0	0.0	73.2	83.1	83.1	79.2	0.0	0.0	62.9	0.0	DEGS

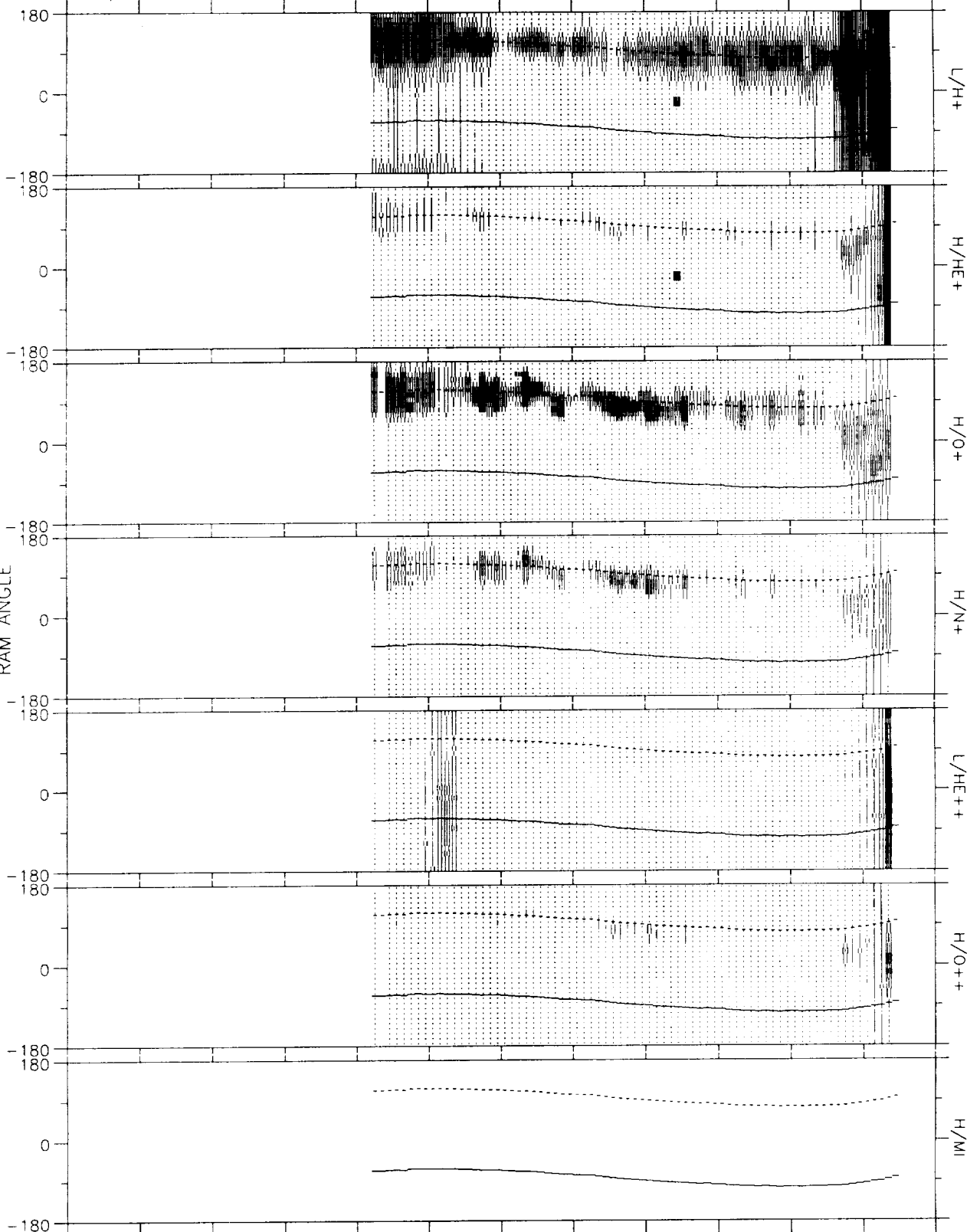
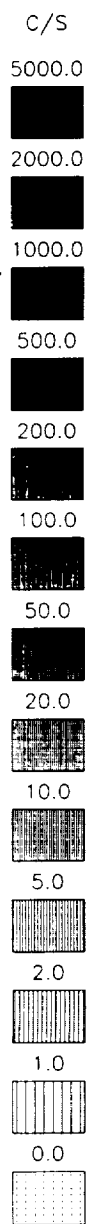
DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Mon Nov 22 19:46:10 1993

82/363 29-DEC 0615:00 - 1415:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN-RADIAL ALL (V1.0)
Mon Nov 22 19:47:25 1993

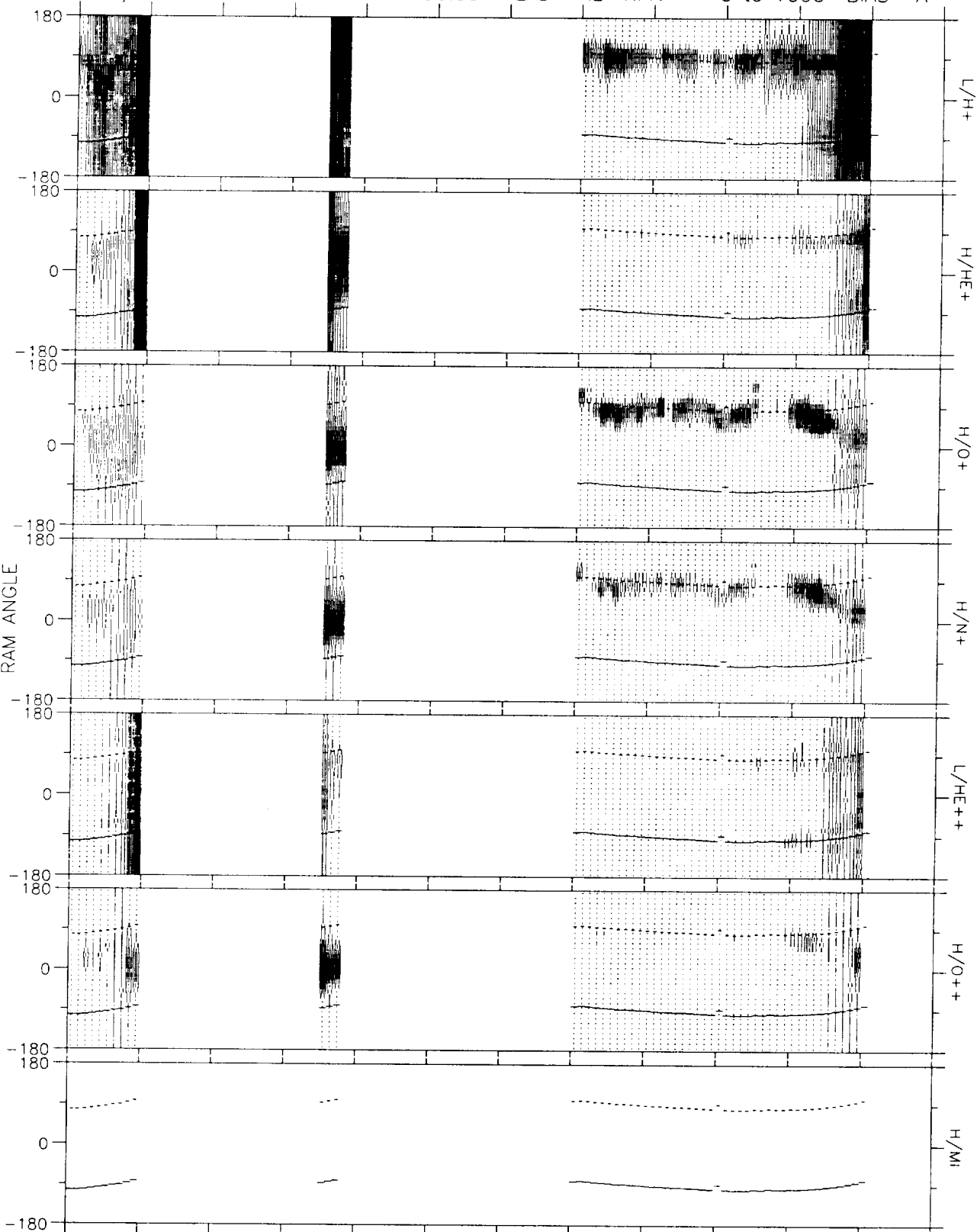
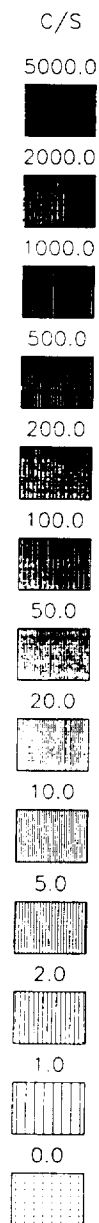
82/363 29-DEC 1230:00 - 2030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0000	1550	1630	1710	1750	1830	1910	1950	HHMM
RE	0.0	0.0	0.0	0.0	3.8	4.3	4.6	4.6	4.4	3.9	3.0	RE
L	0.0	0.0	0.0	0.0	43.0	100.0	100.0	46.6	20.9	9.6	4.1	
MLT	0.0	0.0	0.0	0.0	13.6	10.6	7.3	5.6	4.8	4.3	4.1	HRS
MLAT	0.00	0.00	0.00	0.00	*****	*****	*****	*****	*****	*****	*****	DEGS
INVLAT	0.0	0.0	0.0	0.0	81.2	85.0	84.4	81.6	77.4	71.2	60.5	DEGS

DE RIMS SPIN SUMMARY
SPIN_RADIAL_ALL (V1.0)
Mon Nov 22 19:49:18 1993

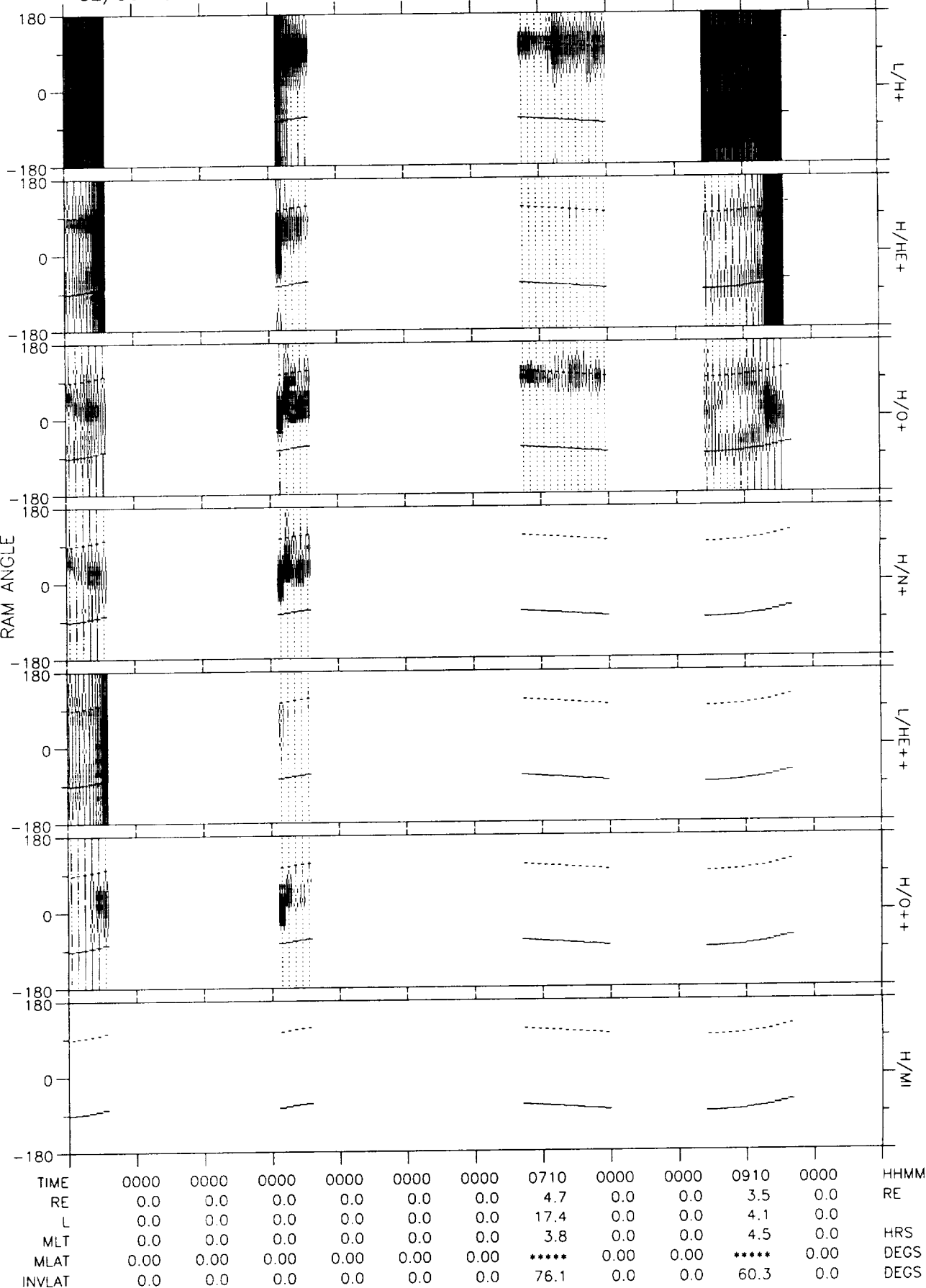
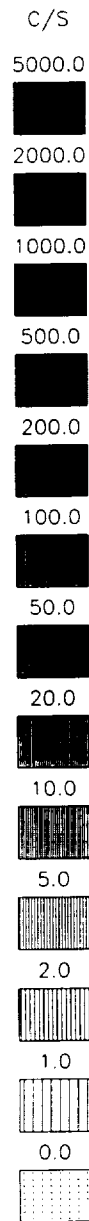
82/363 29-DEC 1930:00 - 0330:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0000	0000	0000	0010	0050	0130	0210	0250	HHMM
RE	0.0	0.0	0.0	0.0	0.0	0.0	4.6	4.6	4.3	3.7	2.8	RE
L	0.0	0.0	0.0	0.0	0.0	0.0	80.9	26.9	12.1	6.1	3.1	
MLT	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.3	2.9	3.3	3.7	HRS
MLAT	0.00	0.00	0.00	0.00	0.00	0.00	*****	*****	*****	*****	*****	DEGS
INVLAT	0.0	0.0	0.0	0.0	0.0	0.0	83.6	78.9	73.3	66.2	55.7	DEGS

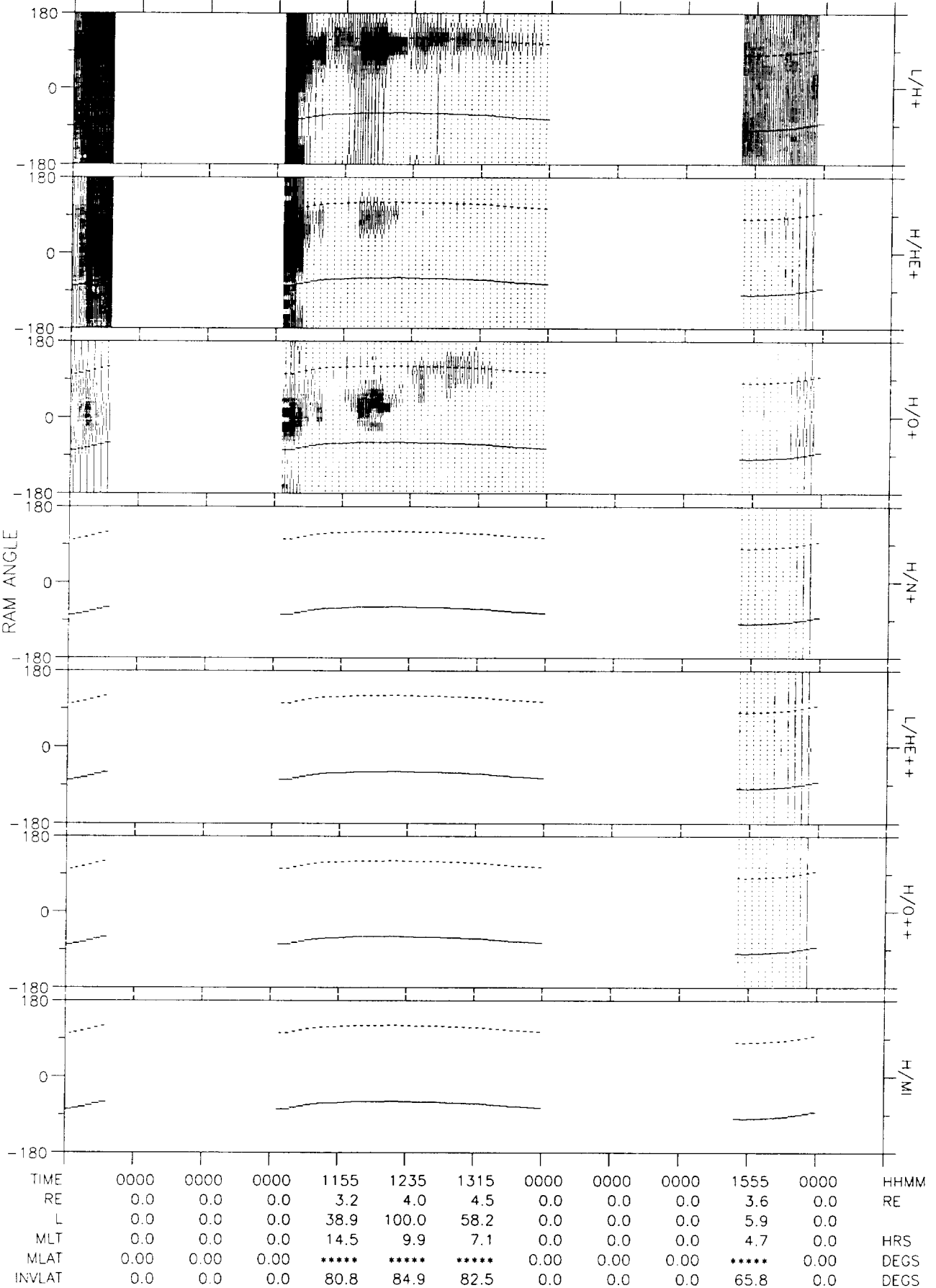
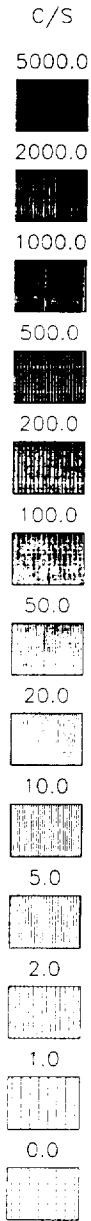
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Tue Nov 23 09:50:28 1993

82/364 30-DEC 0230:00 - 1030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



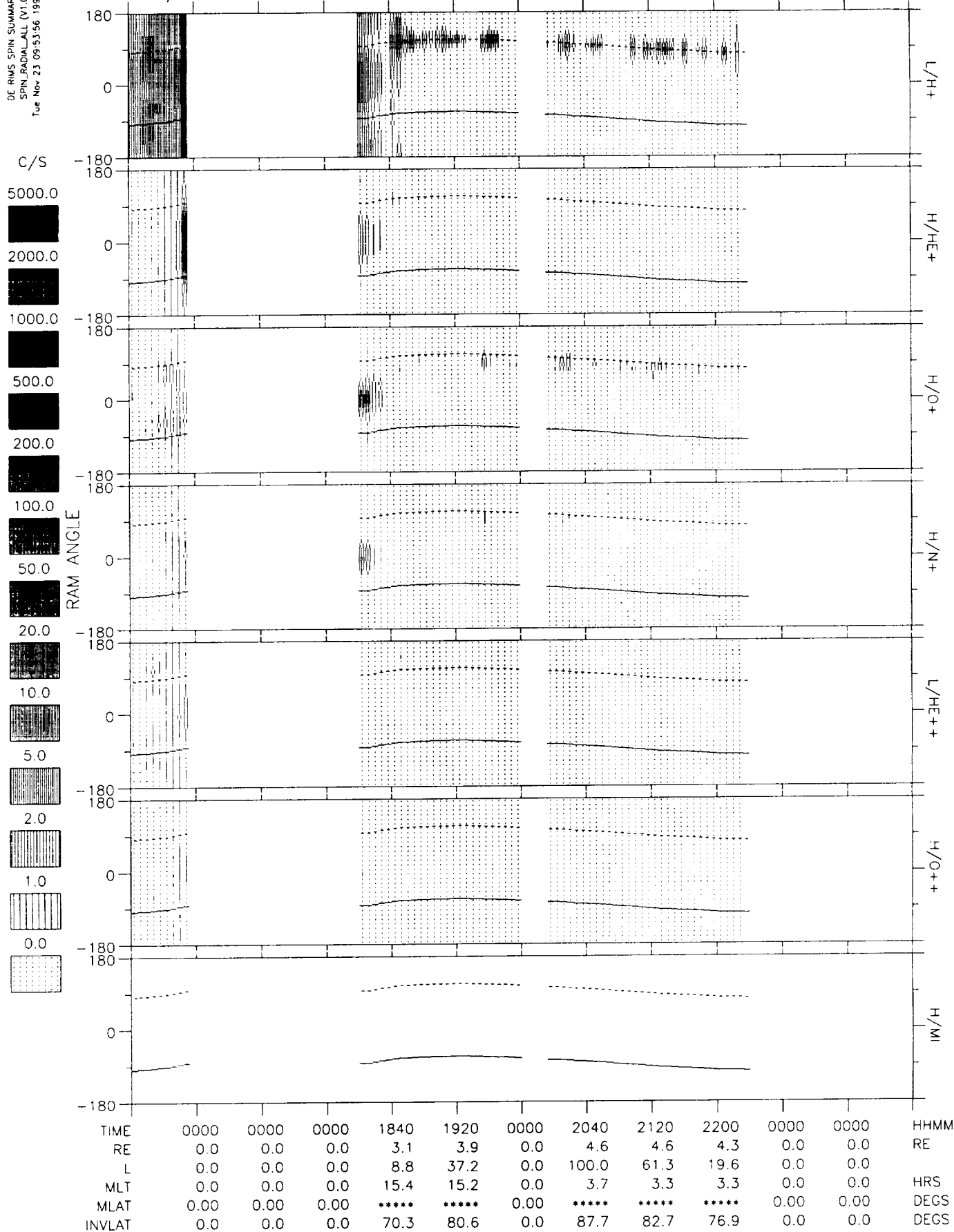
DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Tue Nov 23 09:52:15 1993

82/364 30-DEC 0915:00 - 1715:00 HEAD= RL RPA= 0 to 1000 BIAS= A



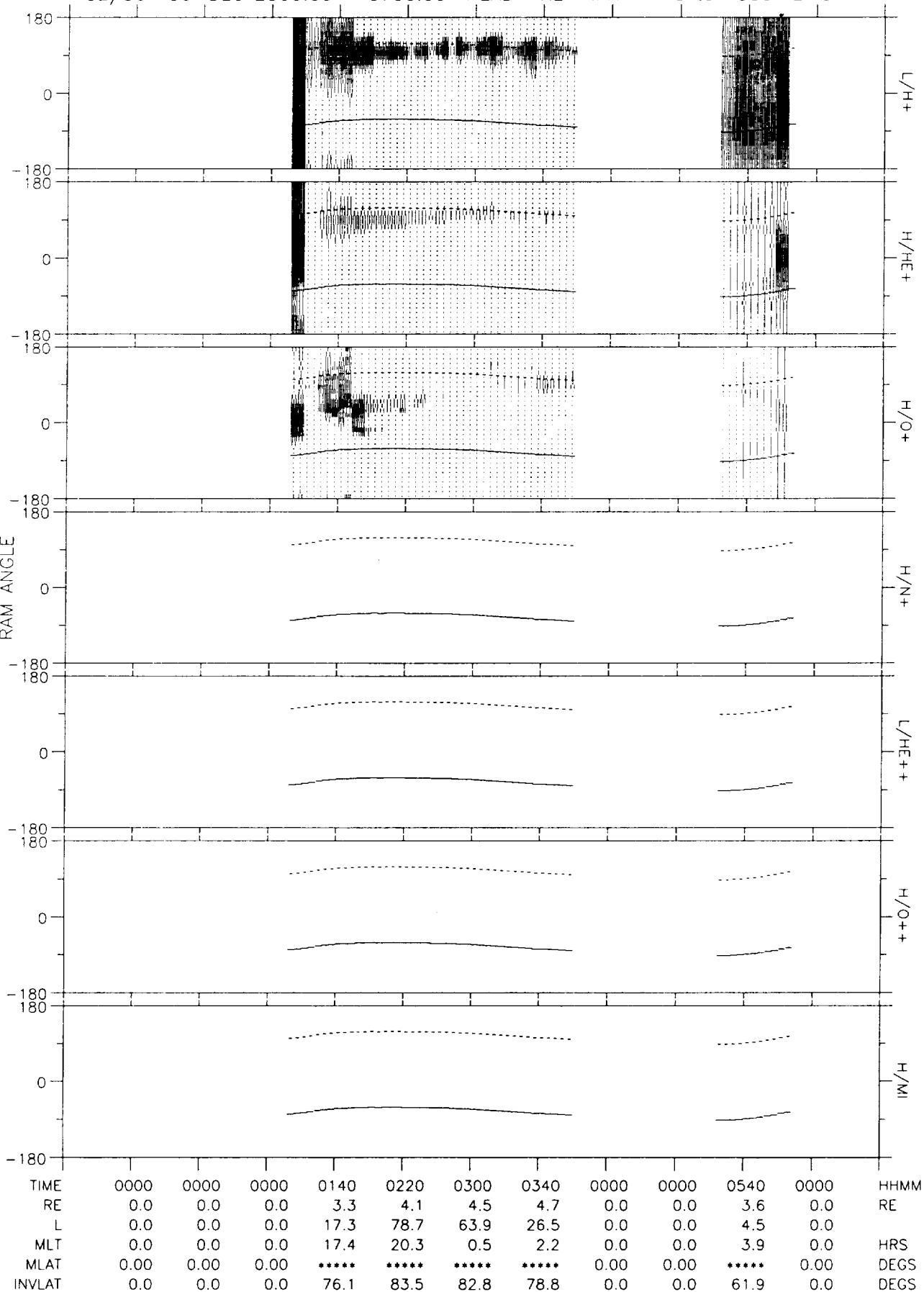
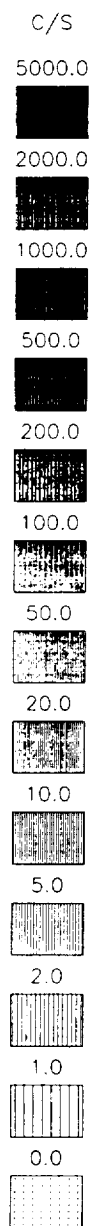
DE RIMS SPIN SUMMARY
SPIN_RADIALALL (V1.0)
Tue Nov 23 09:53:56 1993

82/364 30-DEC 1600:00 - 0000:00 HEAD= RL RPA= 0 to 1000 BIAS= A



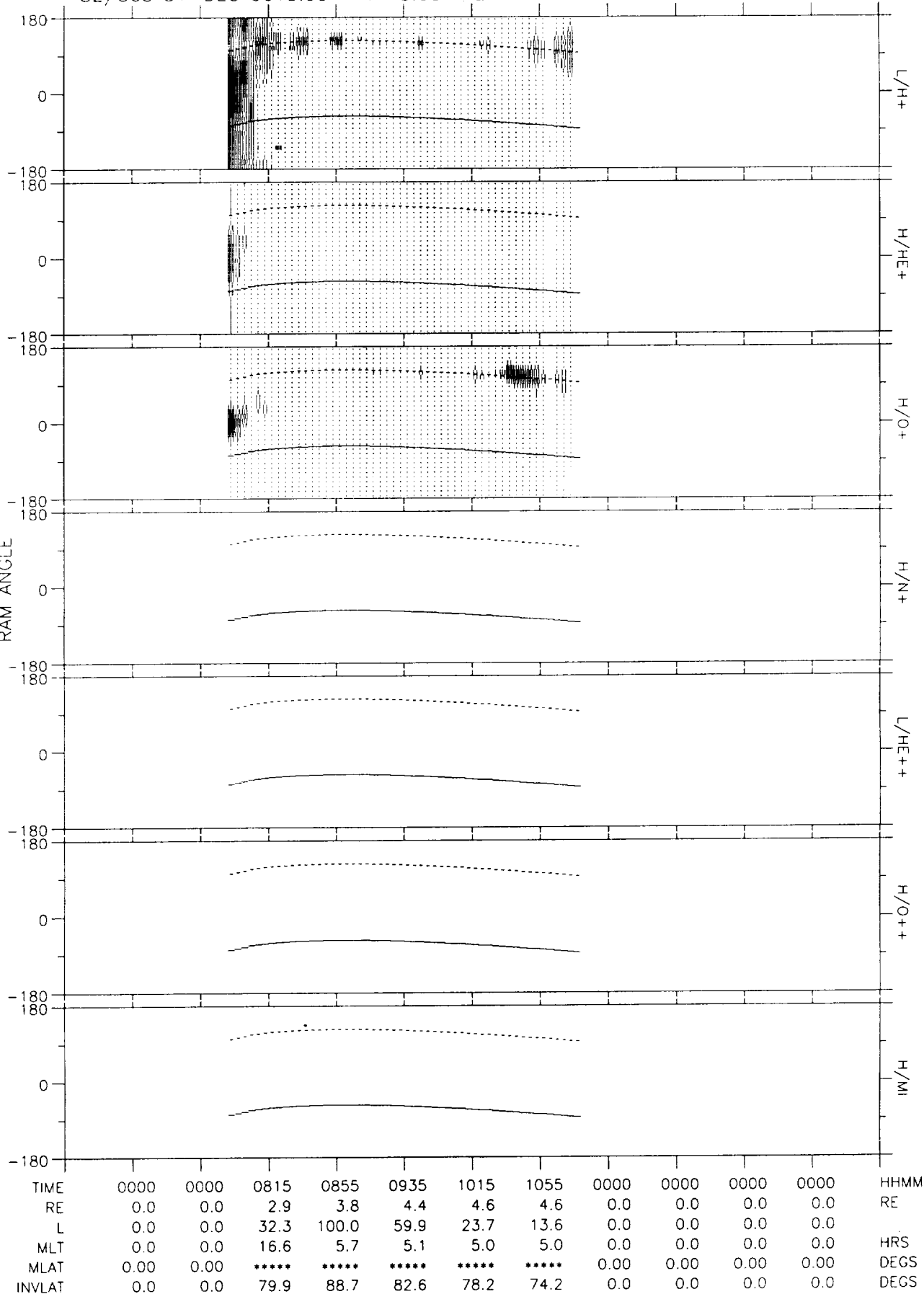
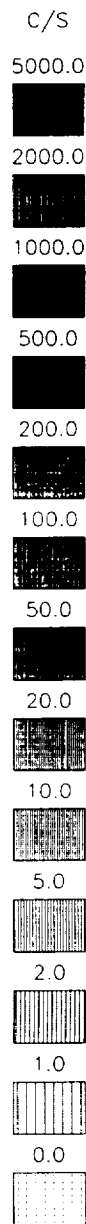
DE RIMS SPIN SUMMARY
SPIN RADIAL JAIL (V1.0)
Tue Nov 23 09:55:42 1993

82/364 30-DEC 2300:00 - 0700:00 HEAD= RL RPA= 0 to 1000 BIAS= A



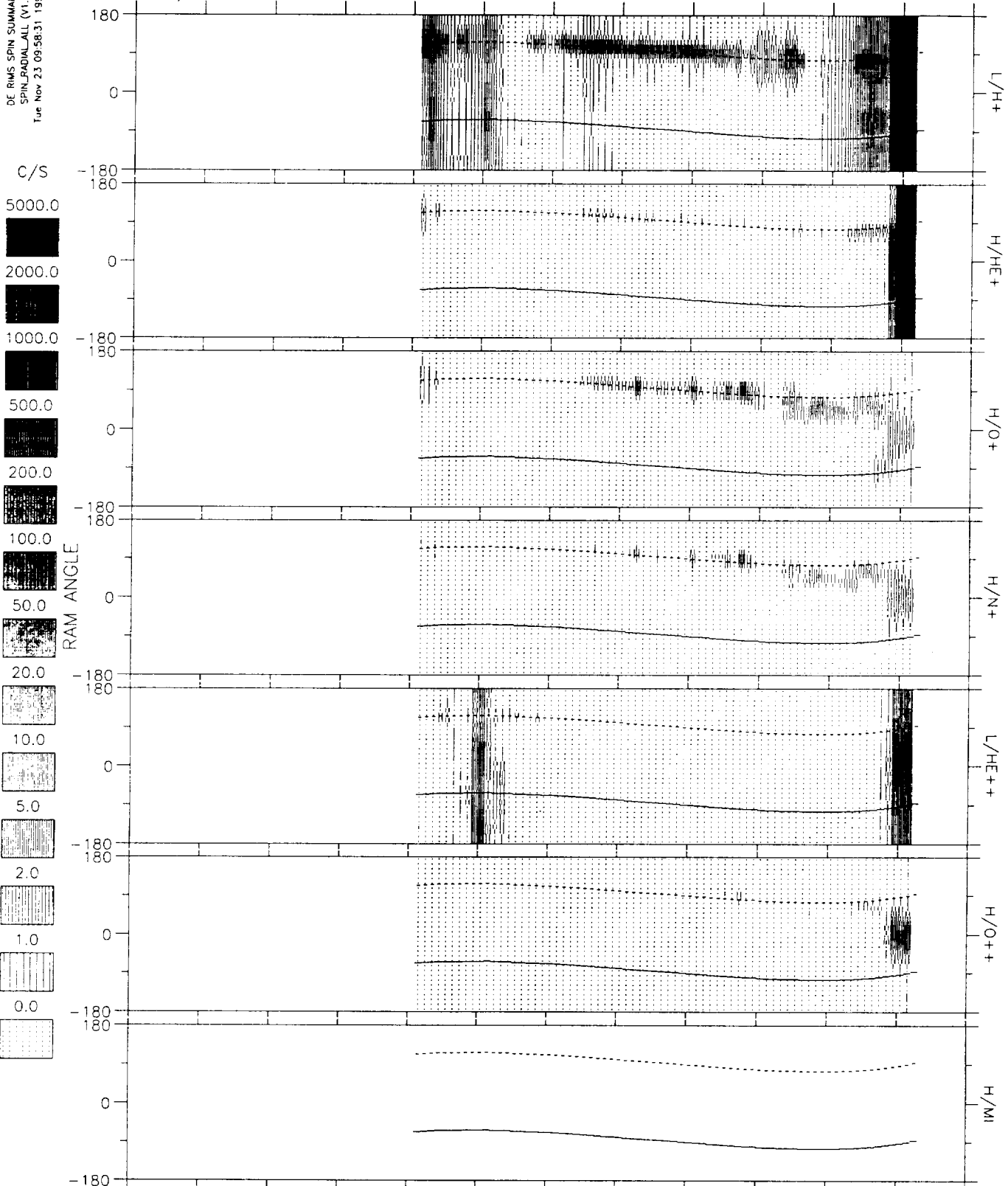
DE RMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Tue Nov 23 09:57:11 1993

82/365 31-DEC 0615:00 - 1415:00 HEAD= RL RPA= 0 to 1000 BIAS= A



DE RIMS SPIN SUMMARY
SPIN RADIAL ALL (V1.0)
Tue Nov 23 09:58:31 1993

82/365 31-DEC 1230:00 - 2030:00 HEAD= RL RPA= 0 to 1000 BIAS= A



TIME	0000	0000	0000	0000	1550	1630	1710	1750	1830	1910	1950	HHMM
RE	0.0	0.0	0.0	0.0	3.9	4.4	4.6	4.6	4.3	3.8	2.9	RE
L	0.0	0.0	0.0	0.0	48.6	100.0	100.0	44.7	19.7	8.9	3.7	
MLT	0.0	0.0	0.0	0.0	13.3	10.2	6.9	5.4	4.6	4.2	3.9	HRS
MLAT	0.00	0.00	0.00	0.00	*****	*****	*****	*****	*****	*****	*****	DEGS
INVLAT	0.0	0.0	0.0	0.0	81.8	85.1	84.4	81.4	77.0	70.4	58.6	DEGS

APPROVAL

DYNAMICS EXPLORER 1, RETARDING ION MASS SPECTROMETER SUMMARY SPECTROGRAMS—82/230 TO 82/365 SPIN-TIME SPECTROGRAMS FOR H⁺, HE⁺, O⁺, N⁺, O⁺⁺, M/Z=2, AND MOLECULAR IONS

DE 1/RIMS Investigators

This report has been reviewed for technical accuracy and contains no information concerning national security or nuclear energy activities or programs. The report, in its entirety, is unclassified.



Gregory S. Wilson
Director, Space Sciences Laboratory

REPORT DOCUMENTATION PAGE			Form Approved OMB No. 0704-0188	
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13. ABSTRACT (Maximum 200 words) The Retarding Ion Mass Spectrometer (RIMS) experiment onboard the Dynamics Explorer 1 (DE 1) satellite was designed to perform energy and mass-per-charge analysis on low-energy ions (<50 eV) with mass/charge ratios ranging from 1 to 40 amu/Z. The DE 1 satellite, carrying the RIMS experiment, was launched into an elliptical polar orbit on August 3, 1981. The ~7.5 hour orbit has perigee of 675 km altitude and apogee of 24,875 km altitude. This document, and those that follow in this series, contains summary RIMS data spectrograms for each orbit for which RIMS data are available. The RIMS instrument began returning science data on day 280 of 1981 and continued to return usable data until the end of the DE mission in March 1991. It should be noted that studies of the RIMS data set should be conducted only with a thorough awareness of the material described in the introduction section presented here, or in collaboration with a scientist familiar with RIMS data analysis.				
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